

Building the Federation:
Accessing and Launching New Services

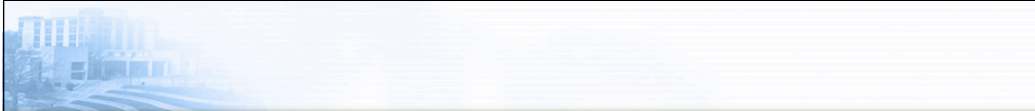
Jack Suess

UMBC
AN HONORS
UNIVERSITY
IN MARYLAND



Discussion Points

- Leveraging simple services
- Outsourcing email
- Leveraging current InCommon SP's
- Ideas for negotiating with vendors on InCommon
- Future endeavors
 - Researchers
 - higher education based shared services



Leveraging Simple Services

- About EDUCAUSE
- EDUCAUSE Home Page
- 2008-2009 Highlights
- Keeping Up with EDUCAUSE
- Membership
- Organization
- Corporate Participation
- Press Releases
- Frequently Asked Questions
- Privacy Policy
- Copyright
- Logowear Clothing
- EDUCAUSE Strategic Directions
- Contact Us

CREATE NEW ACCOUNT FEDERATED LOGIN LOG IN REQUEST NEW PASSWORD

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

university of ma ARE YOU FROM Colorado State University

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

Confluence

Dashboard

UMBC Dashboard Log In

Confluence is the enterprise wiki designed to make it easy for you and your team to share information with each other, and with the world.

Where do I start?

All content in Confluence is organised into spaces. So to start browsing content, simply click on one of the spaces listed below.

Read the [Confluence User Guide](#).

Spaces:

- [Chemical and Biochemical ABET](#)
- [Computer Science and Electrical Engineering Department](#)
This confluence wiki space is a collection of pages for the UMBC Computer Science and Electrical Engineering Department.
- [Computing Infrastructure Group](#)
- [Continuing & Professional Studies](#)
- [CPS Professional Programs](#)

Recently Updated

jgspeck@umd.edu Jun 21	University Archives
	Repositories
Jennifer Fitch Jun 21	Fundamentals of Receiving
	Acquisitions
Anna Sniadach Jun 21	Summer2010FA002.pdf
	Summer2010FA001.pdf
	Summer2010ECS336.pdf
	Summer2010ECS333.pdf
	Summer2010ECS122a.pdf
	Summer2010ECS122.pdf

Blackboard Integration

The screenshot displays a web browser window with the URL <http://blackboard.umbc.edu/webapps/portal/frameset.jsp>. The browser's address bar shows several open tabs, including 'Inter...', 'Goog...', 'Black...', 'I2 Str...', 'AMS...', 'Goog...', 'Chair...', 'Login...', 'Goog...', 'UMBI...', 'Untit...', and 'FY11...'. The browser's bookmark bar includes 'IU Initiatives', 'UMBC HD', 'Apple', 'Yahoo!', 'Google Maps', 'YouTube', 'Wikipedia', 'News', 'Popular', and 'Other Bookmarks'. The browser's toolbar shows 'My Places', 'Home', 'Help', and 'Logout' buttons.

The Blackboard interface features a top navigation bar with the 'myUMBC Blackboard' logo and a 'Personal Information' menu containing 'My Grades' and 'My Activity'. Below this is a secondary navigation bar with buttons for 'myBlackboard', 'Courses', 'Communities', 'Blackboard Help', and 'Library'. The main content area is titled 'myBlackboard Notifications Dashboard' and includes a 'Personalize Page' option.

The dashboard is organized into several modules:

- Tools:** A list of links including '24/7 Bb Help', 'Personal Information', 'My Grades', 'Check My Activity', 'Announcements', 'Send Email', 'User Directory', 'Address Book', 'Blackboard Calendar', 'Tasks', and 'Blackboard Sync'.
- Class Tech Links:** A list of links including 'Home', 'AV Services', 'Computer Labs', 'Request Help', and 'Visual Assignments'.
- My Announcements:** A section titled 'My Announcements' with the text 'No Institution Announcements have been posted in the last 7 days.' and a 'more announcements...' link.
- UMBC OIT News:** A section titled 'UMBC OIT News' with a list of news items: 'DoIT Summer Blackboard 9.1 Dropin Sessions', 'Upgrade to Blackboard Learn 9.1 Completed', 'A Case for Using The Blackboard Grade Book', 'Web/Multimedia Specialist Position Open with New Media Studio', and 'UMBC Celebrates International Day for Sharing Life Stories'. Below this is the 'Office of Information Technology' logo.
- My Courses:** A section titled 'My Courses' with the text 'Courses in which you are a TA:' and a list of courses: 'IS/ENGL 387 Web Content Development SU2007 (unavailable)'.
- Mobile Learning Update:** A section titled 'Mobile Learning Update' with the text 'Now you can access your courses, content, and organizations on a variety of mobile devices, including Android and Blackberry phones on the Sprint network.' and 'Mobile Learn is now available. Get Started.' with an image of a smartphone.
- My Organizations:** A section titled 'My Organizations' with the text 'Organizations in which you are participating:' and a list of organizations: 'Academic Advising Community', 'Academic Advisory Committee', 'Academic Affairs Electronic Archives', 'Academic Program Review Community', 'Blackboard Users Group', 'Collaboratorium', 'Facilities Master Plan Update', and 'Insights Community Forum'.

Microsoft Dreamspark

← → ↻ 🏠 ☆ http://live@edu.spaces.live.com/blog/cns!C76EAE4D4A509FBD!2251.entry

📄 IU Initiatives 📄 UMBC HD 📄 Apple 📄 Yahoo! 📄 Google Maps 📄 YouTube 📄 Wikipedia 📄 News 📄 Popular » 📄 Other Bookmarks

Windows Live™ Hotmail Messenger Office Photos MSN Sign in

Jonny's profile Live@edu Blog Lists Tools Help

Blog

Entries
Summary

Listed by:
Date

June 2010
May 2010
April 2010
March 2010
February 2010
January 2010
December 2009
November 2009
October 2009
September 2009
August 2009
July 2009

March 15
Live@edu and DreamSpark – give your students free professional tools from Microsoft

As I like to post... [Live@edu](#) is not just about providing your students with access to free collaborative tools and an email service... there are all sorts of goodies out there that Microsoft offers that are too compelling to ignore :) One such offer is our [DreamSpark](#) program. If you're a current university or high school student, you can download [professional Microsoft developer, designer, and gaming software](#) through DreamSpark at no charge.

So where does Live@edu come into the picture? Through Live@edu, and at its most fundamental level, an institution administrator can create managed student identities ([Windows LiveIDs](#)) in a common namespace simply by creating Outlook Live [MailBoxes](#), or Outlook Live [MailUsers with LiveIDs](#). The domain associated with the LiveID namespace can be enrolled with the DreamSpark program so that all a student has to do to access the DreamSpark benefit is log in with their institution supplied LiveID, and verify their school.

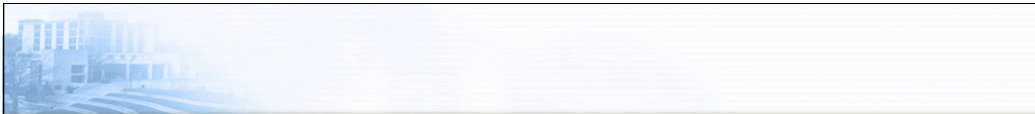
Some institutions that I talk to think that they have to sign up for the full Outlook Live email offer to get managed LiveIDs... that is not necessarily the case, and we certainly do not want customers to think that they have to take our email service, especially if they:

- don't want a student email service at this time.
- have an existing email service for students that is not Outlook Live.
- run a simple forwarding service for students to relay mail to personal email services (like Hotmail).

In these cases, you can [enroll in the Live@edu program](#) for Outlook Live, select the Outlook Live service, and then simply [use a CNAME Record to Prove Domain Ownership](#). Using an [MX Record to direct mail to your Outlook Live domain](#) can be ignored. You still have a managed LiveID domain in your possession, however, so as stated above, either create Outlook Live [MailBoxes](#) (which can be [disabled](#) if needed), or Outlook Live [MailUsers with LiveIDs](#). Give the credentials to the students, and they will be ready to go!

I have recently been working with a customer of mine on accessing the DreamSpark benefits. Here are the directions we came up with...

Enrolling for DreamSpark



Outsourcing Email

Google SAML

Browser address bar: <https://docs.google.com/a/umbc.edu/?tab=mo&AuthEventSource=SSO#all>

Navigation: [Start Page](#) [Mail](#) [Calendar](#) [Documents](#) [Sites](#) [New Features!](#) | [jack@umbc.edu](#) | [Documents settings](#) | [Help](#) | [Sign out](#)

Search: [Search Docs](#) [Search Templates](#) [Show search options](#) [Browse template gallery](#)

All items [Refresh](#)

1-50 of 59 Last modified

Name	Folders / Sharing	Date
TODAY		
<input type="checkbox"/> Roadmap for InCommon	Not shared	10:22 am me
EARLIER THIS MONTH		
<input type="checkbox"/> I2 Strategic Plan feedback - 2010	Not shared	Jun 17 me
<input type="checkbox"/> call processing stats	me to 6 collab	Jun 17 Umbehelj
<input type="checkbox"/> FY10 DoIT Annual Report -- Outline	me to 3 collab	Jun 17 me
<input type="checkbox"/> Chair proposals	Not shared	Jun 16 me
<input type="checkbox"/> FY11 Goals	me to 6 collab	Jun 16 me
<input type="checkbox"/> Business Contuity Steering Committee Charge 2	Mikec to 1 collab	Jun 15 Mikec
<input type="checkbox"/> doit_fy10_goals	DoIT Not she	Jun 15 me
<input type="checkbox"/> AMSAC discussions for summer	Not shared	Jun 10 me
<input type="checkbox"/> UMBI Transition Plans	Mikec to 5 collabo	Jun 8 Mikec
<input type="checkbox"/> AMSAC Update: The Applications, Middl...	Not shared	Jun 4 me
<input type="checkbox"/> InCommon Update to AMSAC -5/27/10	me to everyone	Jun 4 me
EARLIER THIS YEAR		
<input type="checkbox"/> SMM - closed meeting notes	Not shared	May 27 me
<input type="checkbox"/> InCommon and VCL Update	Not shared	May 13 me
<input type="checkbox"/> JJS- Copy of BCSC charge document	me to 1 collab	May 9 me
<input type="checkbox"/> Agenda for AVP Meeting on 5/5	Not shared	May 5 me

Left sidebar:

- All Items
- Owned by me
- Opened by me
- Shared with me
- Starred
- Hidden
- Trash
- Items by type
- More searches
- My folders
 - AMSAC
 - DoIT
 - e2010
 - InCommon
 - SURA
 - UMBC Administration
- Folders shared with me

Microsoft LIVE@EDU

Internet Explorer browser window showing a blog post on the Live@edu website. The address bar displays the URL: <http://liveatedu.spaces.live.com/blog/cns!C76EAE4D4A509FBD!2155.entry>. The page title is "Federated Identity support on Live@edu – coming soon to an IdP near you...". The post is dated February 24, 2010.

Blog Tools Help

Jonny's profile Live@edu **Blog** Lists < Previous Next >

Blog

Entries

Summary

Listed by:

Date

June 2010

May 2010

April 2010

March 2010

February 2010

January 2010

December 2009

November 2009

October 2009

September 2009

August 2009

February 24

Federated Identity support on Live@edu – coming soon to an IdP near you...

A question I often get asked by customers considering Live@edu is something along the lines of "How do I get my Active Directory/other identity platform to work with Live@edu?"

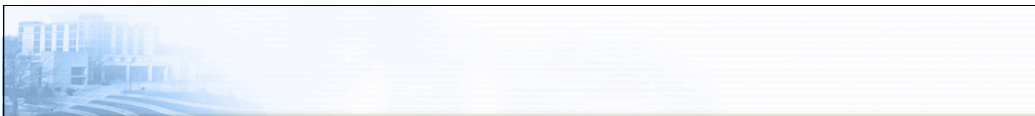
This is a question that I usually follow up with some qualification questions of my own around what "work with" means to the customer. Sometimes what they mean is that they would like an end-user to be able to log into our Live services or Outlook Live with their on-premises identity. Why do they want this? Well, it is for a number of reasons; here are some:

- reducing identity proliferation – customers do not want to add yet another identity management solution for each new application they introduce.
- driving better interoperability and collaboration opportunities – if collaborative tools could simply get along better without an administrator or end-user having to worry about how everyone is authenticating to them, users could be more effective more quickly.
- getting the most out of existing investments – the ability to extend what has already been built on-premises to service cloud applications is very appealing.

Today we [announced](#) that Microsoft is working in a development partnership with the [University of Washington](#) to build and deliver [federated identity](#) support to Live@edu. Federation addresses the needs outlined above by offering a secure process for sharing and managing identity data and establishing single sign-on across organizations. With federation, organizations can seamlessly share services with internal and external trusted partners.

Through this partnership, Microsoft and the UW will provide education customers worldwide with a choice of approaches:

- Customers with an existing investment in Active Directory will be able to extend that authentication platform to the cloud with [ADFSv2](#) to



Leveraging current InCommon SP's







Track the Case Studies

← → ↻ 🏠 ☆ http://www.incommonfederation.org/cases.html

📄 IU Initiatives 📄 UMBC HD 📄 Apple 📄 Yahoo! 📄 Google Maps 📄 YouTube 📄 Wikipedia 📄 News 📄 Popular » 📄 Other Bookmarks

InCommon®

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Join InCommon	<h3>InCommon Case Studies</h3> <p>InCommon case studies provide information about current InCommon Participants and how they are implementing innovative approaches to federating identity and access management systems. These case studies provide real-world examples for use with campus stakeholders, CIOs, and other audiences about the benefits of federating.</p> <p>Also, see the InCommon Collaborate wiki for more information about, and from, InCommon.</p> <table border="1"><tr><td>New! InCommon Provides Platform for National Student Clearinghouse</td><td>New! CSUconnect, 23 Campuses Adopt InCommon</td><td></td></tr><tr><td><p>The National Student Clearinghouse and Stanford University successfully federate the Student Self-Service application. By defining the necessary attributes, the pilot has paved the way for other colleges and universities. <i>(April 2010)</i></p></td><td><p>To access local resources, system resources, and third-party applications, the campuses of the California State University system have adopted InCommon. <i>(April 2010)</i></p></td><td></td></tr><tr><td>Lafayette Federates Ticketing Function with UniversityTickets</td><td>Washington, StudentsOnly Federate Enrollment Verification</td><td></td></tr></table>	New! InCommon Provides Platform for National Student Clearinghouse	New! CSUconnect, 23 Campuses Adopt InCommon		 <p>The National Student Clearinghouse and Stanford University successfully federate the Student Self-Service application. By defining the necessary attributes, the pilot has paved the way for other colleges and universities. <i>(April 2010)</i></p>	 <p>To access local resources, system resources, and third-party applications, the campuses of the California State University system have adopted InCommon. <i>(April 2010)</i></p>		Lafayette Federates Ticketing Function with UniversityTickets	Washington, StudentsOnly Federate Enrollment Verification	
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Participants										
IAM Online										
CAMP and Advance CAMP										
Affiliates										
Certificate Service										
Policies and Practices										
Technical Information										
Software Guide										
Metadata and WAYF										
Site Administrator Info										
Frequently Asked Questions										
Benefits										
Site Administrator Login										
Collaboration Wiki										
Glossary										
Contact Us										
About										

Visit the Service Provider Links

Internet x Google x Blackbo x i2 Strate x AMSAC x Google x Chair pr x Google x InComm x FY11 Gc x

http://www.incommonfederation.org/participants/

UI Initiatives UMBC HD Apple Yahoo! Google Maps YouTube Wikipedia News Popular Other Bookmarks

InCommon®

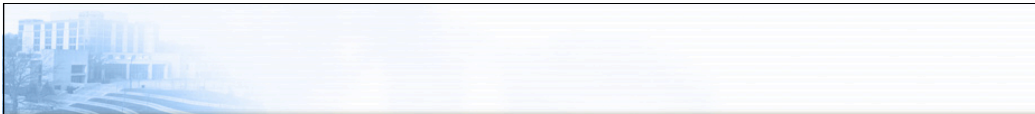
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Current InCommon Participants

A community of more than **4.5 million end users**.
(Source: Higher Education Students, Faculty, and Staff, Integrated Postsecondary Education Data System. Calculated April 2010.)

Higher Education Participants (163)	Government and Nonprofit Laboratories, Research Centers, and Agencies (7)	Sponsored Partners (56)
Arizona State University Augsburg College Baylor University Brown 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	Argonne National Laboratory Energy Sciences Network (ESNet) Lawrence Berkeley National Laboratory Moss Landing Marine Laboratories National Institutes of Health National Science Foundation TeraGrid	Absolute Software, Inc. Apple - iTunes U Atlas Systems, Inc. BioOne, Inc. Blatant Media Corporation Burton Group Cengage Learning, Inc. Colorado Alliance of Research Libraries CSO Research, Inc. Davie County Schools Digital Measures e-academy, Inc. e2Campus by OmnilerT, LLC

Join InCommon
Participants
IAM Online
CAMP and Advance CAMP
Affiliates
Certificate Service
Policies and Practices
Technical Information
Software Guide
Metadata and WAYF
Site Administrator Info
Frequently Asked Questions
Benefits
Site Administrator Login
Collaboration Wiki
Glossary
Contact Us

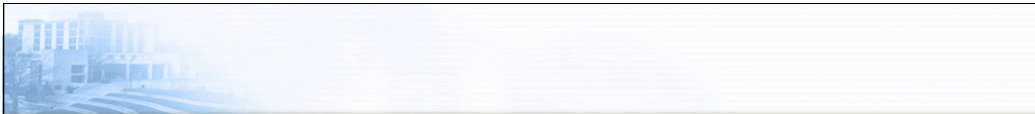


Negotiating with Vendors

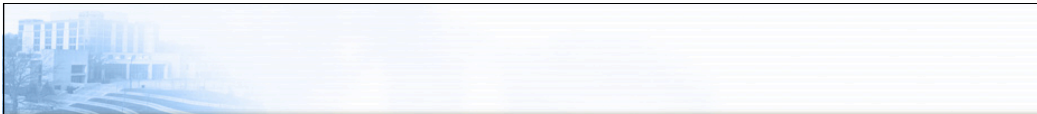


Ideas for Vendor Adoption

- In RFP's include requirement to use SAML for external vendor products as a requirement -- UT
- In RFP's Include requirement for InCommon as a highly desirable feature.
- Engage the InC participant list to find others interested in this and go as a group to vendor
- Engage InC Steering to reach out to vendors
-



Future Endeavors





Researchers

- Bronze and Silver
 - NIH – eRa application in test
 - NSF – Fastlane application in test
 - Tera Grid – beginning support for researchers to use InCommon
- Collaboration
 - CoManage



Shared Services

- VIDA -- Virginia university libraries access to PBS video
- Others?