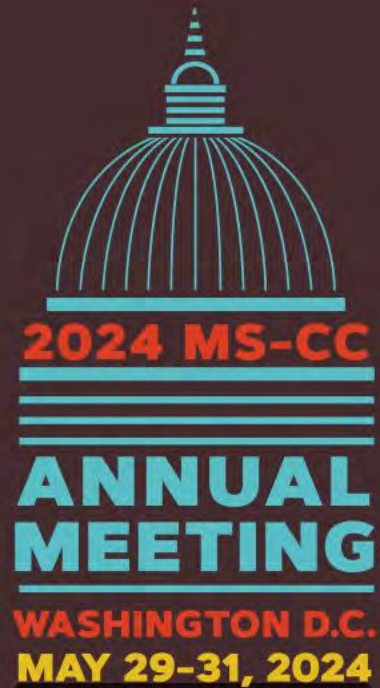




Perspective on Technology Partnerships for Higher Education and MS-CC Campuses



May 31, 2024

in partnership with



Our Panelists Today

Susan Sons, Executive Director and ResearchSOC Principal Investigator, OmniSOC

Karen Kato, Director of Sales and Marketing, Cirrus Identity

Benn Oshrin, Managing Partner, Spherical Cow Group

Moderator

Leslie Jones, Director of Program Development, Minority Serving - Cyberinfrastructure Consortium

OmniSOC Intro: MS-CC Meeting

soc@omnisoc.iu.edu



OmniSOC

Susan E. Sons
Executive Director



The secret is
cybersecurity
that grows.

Rule Zero is to meet
them where they are.





**Let's talk
about herd
immunity.**



OmniSOC



Susan E. Sons

Executive Director, Indiana University OmniSOC



soc@omnisoc.iu.edu



omnisoc.iu.edu



omnisoc.iu.edu/resources

Nice to Meet You!

Karen Kato
Director of Sales & Marketing



What does Cirrus Identity do?

Cirrus Streamlines SSO!

Simple and secure cloud login solutions that make it easy for **all** institutional end users to access **all** applications!



Easily Leverage InCommon Services

Integrate EntraID, Okta, Google or Duo SSO with InCommon and provide easy access to 100's of federation applications developed for higher ed



Streamline Access for External Users & Guests

Great for applicants, alumni, parents, continuing ed, job applicants, suppliers, contractors and more - automate access and eliminate password management

Cirrus Identity Customers

American Museum of Natural History
American University of Sharjah
Angelo State University
Bergen Community College
Bowling Green State University
Brown University
California State University, Bakersfield
California State University, Monterey Bay
Capilano University
Carleton College
Carnegie Mellon University
Chapman University
Children's Hospital of Philadelphia
City of Hope
Claremont McKenna College
Cleveland State University
Coast Mountain Community College
College of Southern Nevada
Colorado State University
Dalhousie University
Davidson College
Desert Research Institute
Digital Theatre
Dominican University of California
Douglas College
Duke University
EDUCAUSE
Great Basin College
Icahn School of Medicine at Mount Sinai
Illinois Tech
Indiana University
Indiana University Foundation
Indiana University of Pennsylvania

Inova
Internet2
Iowa State University
James Madison University
Justice Institute of British Columbia
Kean University
Loyola University Maryland
LSU Health New Orleans
Marquette University
Marshall University
Mass General Brigham
Massachusetts Institute of Technology
Michigan State University
Millersville University
Milwaukee School of Engineering
National Institutes of Health
Nationwide Children's Hospital
Nevada State College
Nevada System of Higher Education
Northeastern University
Okanagan College
Oregon State University
Oregon Tech
Penn State University
Pomona College
Rho Inc
Royal Roads University
Saint Mary's University
Salisbury University
Salish Kootenai College
Sheridan College
Slippery Rock University of Pennsylvania
Southwestern University

St. Catherine University
Stanford National Accelerator Laboratory
Stevens Institute of Technology
SUNY Geneseo
Texas A&M University
Texas A&M University System
The Wistar Institute
Towson University
Truckee Meadows Community College
Union College
University of Arizona
University of Arkansas
University of Arkansas System
University of California, Berkeley
University of California, Riverside
University of California, San Diego
University of Central Florida
University of Chicago
University of Colorado, Boulder
University of Detroit Mercy
University of Florida
University of Indianapolis
University of Kentucky
University of Louisville
University of Maryland, Baltimore
University of Massachusetts Boston
University of Massachusetts Dartmouth
University of Massachusetts, Amherst
University of Massachusetts, Lowell
University of Michigan
University of Missouri System
University of Nevada, Las Vegas
University of New Hampshire

University of North Carolina at Chapel Hill
University of North Carolina at Wilmington
University of North Florida
University of Northern British Columbia
University of Northern Carolina at Asheville
University of Northern Colorado
University of Notre Dame
University of Oregon
University of Puget Sound
University of Rhode Island
University of South Dakota
University of Southern Indiana
University of Tampa
University of Wisconsin-Eau Claire
University of Wisconsin-Green Bay
University of Wisconsin-La Crosse
University of Wisconsin-Madison
University of Wisconsin-Oshkosh
University of Wisconsin-Parkside
University of Wisconsin-River Falls
University of Wisconsin-Stevens Point
University of Wisconsin-Stout
University of Wisconsin-Superior
University of Wisconsin-System
University of Wisconsin-Whitewater
Vancouver Community College
VisualZen, Inc.
West Point - United States Military Academy
West Virginia University
Western Carolina University
Western Nevada College
Xavier University
Yale University



**What is Cirrus Identity
doing for MS-CC?**

Cirrus Identity & MS-CC Projects

#1 - Cirrus Identity is excited to be working with MS-CC to develop and provide Identity & Access Management training for the community. More information is forthcoming by the MS-CC committee.

#2 - Reference implementation of the SAML Bridge to enable Salish Kootenai College to integrate their Google Identity Provider (usernames & passwords) with InCommon so SKC users can access 100's of applications targeted to higher ed users.

Interested in hearing more?

Email:

karen@cirrusidentity.com

COmanage: Open Source, Community Driven

Benn Oshrin

SCG Collaboration Group +
The COmanage Project



Some Background

- COmanage Project (re)started in 2010
 - Original funding from NSF
 - Additional funding from I2, CILogon, SCG, and multiple universities and NRENs
- Identity and Lifecycle Management
 - Two main products: Registry and Match
 - Enrollment, Deduplication, Lifecycle Management
 - Designed for R&E organizations of any size, real or virtual
- Fully Open Source, Fully Community Driven
 - All code is Apache 2 licensed
 - IPR home is Internet2
 - SCG is development and community lead
- SCG formed in 2011
 - We primarily come from R&E backgrounds
 - (We also do some non-IAM stuff, too)



R&E-Oriented IAM Solutions

- Handle Complex User Identities
 - Students have part time jobs, employees take classes, researchers come and go
- Open and Collaborative
 - Campus members often participate in multi-institutional and multi-national projects
- Budget Sensitive
 - Per user licensing costs can become problematic with large, semi-active populations (alumni, guests, etc)
- Long Term Timelines
 - Most colleges and universities have been around far longer than most of their vendors

Open Source as an Option

- No vendor lock-in
 - Your data, your servers
 - Can modify the code to meet specific campus needs, via plugins or direct patching
- No license fees
- Multiple deployment options
 - DIY
 - Commercial Implementation Partners (esp I2 "Catalysts")
 - Hosted Services

COmanage in the Real World

- Virtual Research Organizations
 - Lifecycle management for researchers from across multiple institutions and countries
 - Invite Researchers to a VO
 - Enforce (and offer) MFA dynamically, based on the originating IdP
 - SSH Key management
 - Unix Cluster management
- Campus Enterprise Identities
 - Merge records from multiple campus ERPs and other identity sources
 - Assign unique campus identifiers
 - Early onboarding for new faculty and other hires
 - Delegated onboarding for visiting scholars and other campus affiliates

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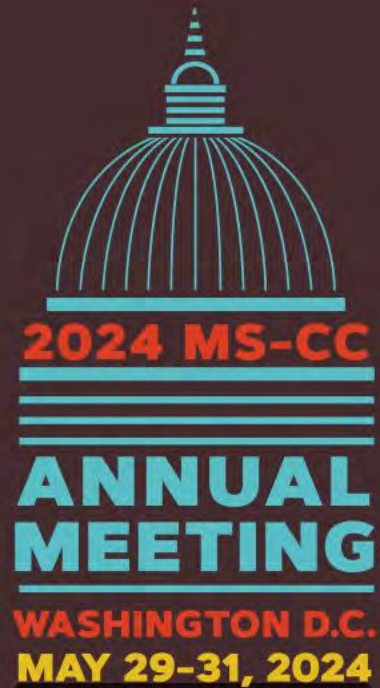
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