2024 INCOMMON HIGHLIGHTS

EXPANDING IMPACT, ADVANCING INNOVATION

>>>

Community Voices & Member Stories

IAM Solutions &Toolkits

Guidance & Support

Innovation Hub for Collaboration

INTERNET2®

InCommon
20TH BIRTHDAY
2024

The **2024 InCommon Highlights** celebrate 20 years of advancing Identity and Access Management (IAM) to meet the critical digital security needs of research and education. With institutions facing nearly **2,300 cyberattacks** weekly, secure and innovative IAM solutions are more essential than ever.

Organized around three pillars related to delivering tailored solutions, fostering adaptable pathways for R&E, and driving collaboration to shape the future of IAM, these highlights reflect the achievements and voices that exemplify InCommon's role as a trusted advisor in IAM.

Through insights and stories from our community, this report demonstrates how shared expertise and practical solutions enable secure, scalable access and foster collaboration across research and education.

1,000+

MEMBER ORGANIZATIONS across higher education, research, corporate, federal, and global sectors

Become a member today

CELEBRATING 20 YEARS OF INNOVATION
Reflecting on two decades of trusted IAM leadership, explore how InCommon has shaped IAM standards.
[incommon.org/news/incommons-20-year-milestone]

IAM SOLUTIONS & TOOLKITS

Meeting R&E Needs with Specialized Tools

InCommon's tailored IAM tools support unique research and educational needs. Through solutions like eduroam and the InCommon Trusted Access Platform, we're driving secure, seamless access across local and global institutions. These resources make it easier for institutions to onboard, connect, and collaborate.

BRIDGING THE DIGITAL DIVIDE & EXPANDING AFFORDABLE CONNECTIVITY FOR SCHOOLS, LIBRARIES, AND COMMUNITY INSTITUTIONS

In partnership with InCommon, Minnesota and Michigan have extended eduroam to schools and libraries, bridging the digital divide in communities underserved by broadband to promote affordable internet connectivity and deliver access to valuable public higher education resources.

[incommon.org/news/minnesota-and-michigan-collaborate]

Community Voice

"MULTILATERAL FEDERATION GUIDANCE FROM MICROSOFT"

Speakers from Microsoft, SUNY Geneseo, University of Arkansas, and Cirrus Identity share how campuses use Entra ID to simplify collaboration with industry tools.

[incommon.org/academy/iamonline]

Member Story

"7 WAYS TO SECURE EDUROAM"

Margaret Cullen and Josh Howlett share easy ways to boost eduroam security, performance, and user privacy.

[incommon.org/academy/iamonline]

CLEAR GUIDANCE & SUPPORT

Strategic Pathways for IAM Success

InCommon empowers institutions with strategic guidance, flexible IAM pathways, and training that addresses each stage of their journey. From reports on cybersecurity to hands-on support, InCommon equips institutions to navigate complex IAM challenges with confidence and clarity.

THE ROAD TO CYBER RESILIENCE

InCommon highlights essential strategies and shares community case studies on advancing cybersecurity across campuses and the cloud to support the needs of the research and education communities.

[incommon.org/news/2024-internet2-opportunities-for-the-research-education-cybersecurity-community/]

SIMPLIFYING AUTHENTICATION WITH NJ EDGE

NJ Edge researchers and IT professionals collaborate with InCommon to integrate federated identity management, enabling secure, multi-factor authentication.

[https://incommon.org/news/incommon-and-njedge-strengthening-higher-education-collaboration-together]

Community Voice

"TO OPEN ROAM OR NOT?"

Saira Hasnain, University of Florida, explores how institutions can balance security with delivering seamless accessibility in wireless network expansions.

[incommon.org/news/off-loading-cellular-traffic-over-wireless-to-open-roam-or-not-and-why-not-eduroam/]

Member Story

PASSKEY IMPLEMENTATION FOR CAMPUS SECURITY AT UMBC

University of Maryland, Baltimore County has launched passkeys, ensuring secure, user-friendly access for its community and removing traditional password vulnerabilities

[incommon.org/news/passkeys-and-umbcs-pioneering-journey/]

INNOVATION HUB FOR COLLABORATION

Shaping the Future of IAM

InCommon fosters collaboration and drives innovation in IAM across the R&E community. As a connected ecosystem, InCommon empowers institutions to tackle the unique challenges of education and research through shared solutions, thought leadership, and collective action.

INCOMMON & IDEA ENABLE CROSS-INSTITUTION TEACHING & LEARNING

InCommon partners with IDEA, a consortium of U.S. public universities, to use federated identity for simpler access and collaborative degree programs.

[incommon.org/news/how-federated-identity-can-transform-cross-institutional-learning]

FEDERAL MFA STANDARDS: A COMMUNITY FRAMEWORK

The InCommon Federation streamlines federal MFA enrollment with phishing-resistant protocols and a 'One Federation, Many Agencies' approach.

[incommon.org/news/how-incommon-simplifies-federal-compliance-requirements/]

Community Voice

SCALABILITY & INTEROPERABILITY

As education collaborations span global networks, IAM systems must be scalable and adaptable. Chris Hyzer shares how Penn leveraged automated deprovisioning in Grouper to increase efficiency managing automated lists.

[incommon.org/news/happy-new-year-from-the-grouper-project/]

Member Story

PENN STATE & WEST ARETE COLLABORATE ON OPEN ACCESS WORKFLOW

Supported by the Catalyst Program, Penn State and West Arete have developed an open-access workflow, streamlining shared access for research.

[incommon.org/news/incommon-catalyst-west-arete-and-penn-state-develop-open-access-workflow]

INCOMMON CATALYST PROGRAM

The Catalyst Program brings together top IAM experts to help institutions implement best-in-class practices and strengthen their resilience across identity management.

[incommon.org/catalyst]

OVER THE HORIZON

What's next?

InCommon's 2025 roadmap points toward advancements in federated identity, AI-powered IAM tools, and expanded inter institutional collaborations. As InCommon continues to innovate, the R&E community can expect to access secure, collaborative solutions built for the future.

LOOKING FORWARD: BEST PRACTICES FOR IAM AND R&E

Looking beyond the next year, we can apply valuable insights gleaned from InCommon's work over the previous two decades providing security, privacy and IAM tools.

Highlighted in our recent report **"Promoting Digital Collaboration: Futures2 Strategy,"** InCommon's priorities over the next five years, addressing the evolving IAM landscape through next-gen security integrations, new earning modalities, addressing the skills gap and knowledge loss, new product offerings and increased unification, automation and interoperability.

We are excited by the innovative collaboration rising across the InCommon Community. The IDEA partnership, as well as NJ Edge researchers and IT professionals, are just two proof points that demonstrate how we go further and faster together.

View the report at incommon.org.

JOIN INCOMMON!

Become part of a trusted IAM community dedicated to secure, collaborative innovation.

Learn more: **incommon.org/join-incommon**

Connect with us on **Facebook** and **LinkedIn**.

UPCOMING EVENTS
Internet2 Community Exchange
April 28-May 1, 2025 | Anaheim, CA

Internet2 Technology Exchange
Dec. 8-12, 2025 | Denver, CO

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