WELCOME AND INTRODUCTIONS

Speakers

- Nick Lewis, Internet2
- Susan Coleman Snyder, REN-ISAC

Agenda

- Background

- InCommon HECVAT Updates

- HECVAT Futures Community Survey

- Feedback and wrap-up

BACKGROUND

What the HECVAT!

- History
- Unique collaboration
- Ongoing working group and lightweight governance
- Community engagement

HECVAT Core Team

- Jon Allen, Baylor University (co-chair)
- Josh Callahan, Cal Poly Humboldt
- Charles Escue, Indiana University (co-chair)
- Staff Liaisons from EDUCAUSE, Internet2, and REN-ISAC
  - Nick Lewis, Joe Potchanant, Susan Coleman Snyder

Campuses and Systems Using HECVAT (150+!)

Aims Community College	Florida Atlantic University	Northern Arizona University	University of California
American University	Florida Gulf Coast University	Norwich University	University of California, Davis
Angelo State University	Florida International University	Oakland University	University of California, Riverside
Appalachian State University	Foothill-De Anza Community College District	Ohio Northern University	University of Cincinnati
Art Institute of Chicago	Franklin & Marshall College	Oregon State University	University of Central Florida
Auburn University	Gallaudet University	Pace University	University of Delaware
Bates College	Georgia Institute of Technology	Pacific University Oregon	University of Denver
Baylor University	Griffith University (Australia)	Pennsylvania College of Health Sciences	University of Detroit Mercy
Berry College	Hamilton College	Pepperdine University	University System of New Hampshire
Black Hills State University	Hamline University	Princeton University	University of Idaho
Boston College	Harper College	Radford University	University of Maine System
Bowling Green State University	Hillsborough Community College	Rice University	University of Maryland Baltimore
Brown University	Husson University	Rider University	University of Massachusetts Amherst
Bucknell University	Indiana University	Rochester Institute of Technology	University of Nebraska System
Buena Vista University	Indiana Wesleyan University	Rowan University	University of North Carolina Wilmington
California Baptist University	Institute for Advanced Study	Rutgers University	University of Oregon
California State University, all Campuses and System	Ithaca College	Saint Elizabeth University	University of Portland
Carnegie Mellon University	James Madison University	Saint John's University	University of Rhode Island
Carthage College	John Carroll University	Sam Houston State University	University of Richmond
Central Washington University	Kent State University	San Diego State University	University of Tennessee, Knoxville
Champlain College	Lamar University	Southern Alberta Institute of Technology	University of Texas at Austin
Clark College	Lehigh University	Southeastern Community College	University of Toledo
Clarkson University	LeTourneau University	Springfield College	University of Utah
Colgate University	Linfield College	St. Petersburg College	University of Virginia
College of St. Benedict	Longwood University	State University of New York at New Paltz	Virginia Community College System
Columbus State Community College	Loyola Marymount University	Stony Brook University	Virginia Tech
Cornell University	MacEwan University	Suffolk County Community College	West Texas A&M University
Daemen College	Madison College	Susquehanna University	West Virginia University
Davidson College	Methodist University	Tennessee Tech University	Western Carolina University
Denison University	Metropolitan Community College	Texas A&M University	Western Connecticut State University
DeSales University	Miami University	Texas State University	Western Michigan University
Drake University	Michigan State University	The State University of New York – System Administration	William & Mary
Drexel University	Middle Tennessee State University	Thomas Jefferson University	Williams College
Duke University	Montclair State University	Trinity University (San Antonio, Texas)	Winthrop University
Duquesne University	Montgomery College	Troy University	Worcester Polytechnic Institute (WPI)
East Carolina University	Moravian University	Truman State University	Yavapai College
Emporia State University	Morgan State University	University of Arizona	York University
Ferris State University	Niagara College	University of Baltimore	

Service Providers Incorporating HECVAT

- Advantiv Solutions - DecisionDirector for HECVAT
- FortifyData - FortifyData Cyber Risk Management Platform
- GreyCastle Security - GreyCastle Vendor Risk Management
- Privva - Privva VSA

- ProcessBolt – ProcessBolt
- Salty Cloud, PBC - Isora
- Swivl, Inc - Swivl Cloud
- ThirdPartyTrust - ThirdPartyTrust
- Whistic - OnePlatform

InCommon TAC Community Collaboration

- Mary McKee, Duke University

- Steven Premeau, University of Maine

- Mark Rank, Cirrus Identity

- Nicole Roy, Internet2

HECVAT 2021 Update!

- Updated most of the questions to better reflect the modern cloud
- Additional Question section with accompanying guidance was added to address accessibility
- Deep dive with the InCommon TAC for a redesign the identity and authentication section of the HECVAT.
- Moved authoritative content to Questions worksheet to make it easier to maintain and easier for campuses to export the questions to a 3rd party tool.

More details - https://er.educause.edu/articles/2021/10/hecvat-3-0-launches-to-outer-space

HECVAT IAM Updates

General IAM updates

- Align password requirements with NIST Digital Identity Guidelines
- Authorization language more inclusive of modern rule-based paradigms (beyond RBAC)
- More general questions about externalized SSO - what protocols supported, etc.

Specific to R&E/high level of assurance contexts

- Reframe InCommon language referencing adoption of key standards InCommon endorses
- Support for attribute mapping to accommodate specifications like eduPerson
- Identifying where email addresses are used for identifiers (top pain point in R&E IAM)

HECVAT IAM Updates – The Questions!

- Does your solution support single sign-on (SSO) protocols for user and administrator authentication (Yes, No, Both modes available, Not Applicable)?
- Does your organization participate in InCommon or another eduGAIN affiliated trust federation?
- Does your application support integration with other authentication and authorization systems?
- Does your solution support any of the following Web SSO standards? [e.g., SAML2 (with redirect flow), OIDC, CAS, or other]
- Do you support differentiation between email address and user identifier?
- Do you allow the customer to specify attribute mappings for any needed information beyond a user identifier? [e.g., Reference eduPerson, ePPA/ePPN/ePE]
- Are audit logs available to the institution that include AT LEAST all of the following; login, logout, actions performed, timestamp, and source IP address?
- If you don't support SSO, does your application and/or user-frontend/portal support multi-factor authentication? (e.g. Duo, Google Authenticator, OTP, etc.)
- Does your application automatically lock the session or log-out an account after a period of inactivity?

Community Expectations

- Service providers will migrate to using HECVAT 3.0 during their next regularly scheduled update
  - Hint: Campuses would like updates on annual basis
- Incorporate HECVAT 3.0 in your processes and documentation on campus
- Let us know your feedback for future updates

Goals

- Future planning for the HECVAT

- How the community is using HECVAT

- Determine highest priorities for the community volunteers

Responses from the community

- Survey sent to many EDUCAUSE Connect Community Groups to get broad representation from campuses

- 96 responses – some partial and duplicates

- Large, small, private, public, community colleges, systems, international, and several service providers

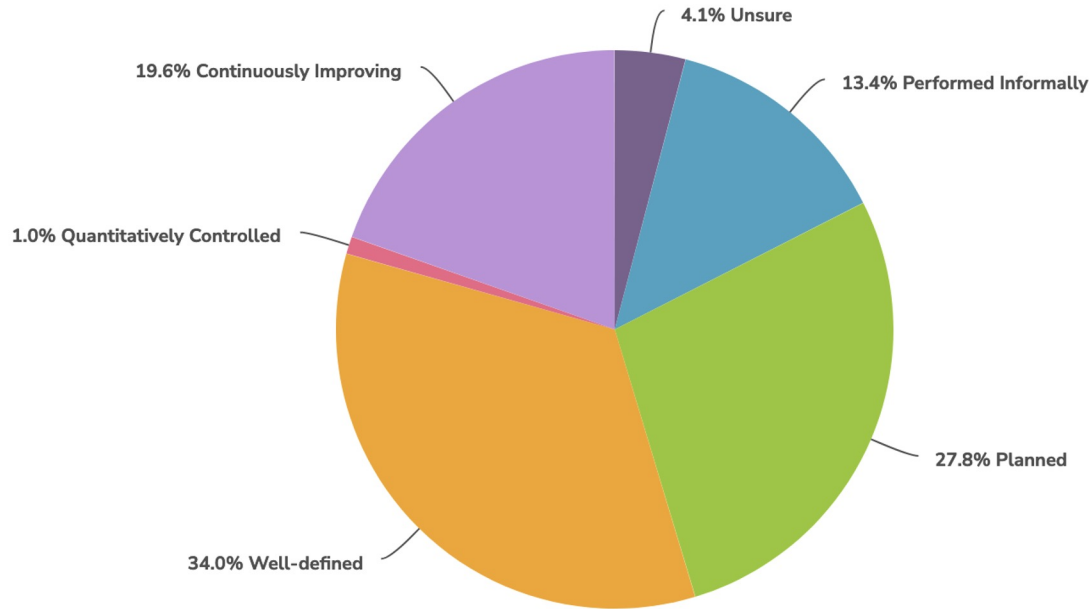- 30 volunteers to help!

Areas that utilize the HECVAT
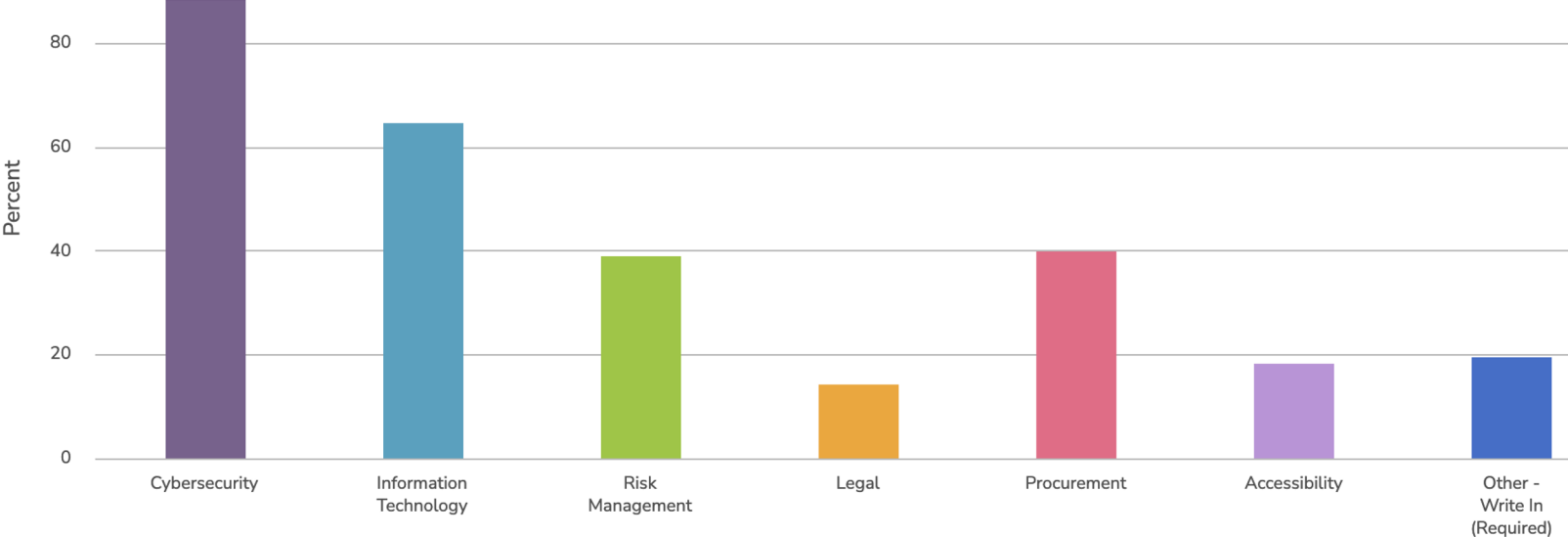
Comments

- HECVAT used primarily in Information security including IDM teams – not surprising!

- Used by many other areas of campuses!

- A few other interesting areas:

- All, Architecture, BCDRP, Compliance, Privacy(?), RFPs

Ideas for future

- Add Privacy to HECVAT?

- IT Procurement?

- Other areas for HECVAT?

- HECVAT for integrations, app stores, etc?

- More documentation on how other areas could use HECVAT? Training?

How would you rate the maturity of your HECVAT usage and vendor risk assessment program?

- 4.1% Unsure
- 13.4% Performed Informally
- 19.6% Continuously Improving
- 1.0% Quantitatively Controlled
- 27.8% Planned
- 34.0% Well-defined

Comments

- Respondents are distributed across the spectrum

- 28% planned

- 1 respondent quantitatively controlled

Ideas for future

- Do we need to create more for campuses just developing a cloud vendor risk management program?

- Scale HECVAT to size of campus?

- Something more for how to optimize?

- What can we learn from the one respondent that responded quantitatively controlled?

Spreadsheet or web platform?

18.6% Other - Write In (Required)

36.1% Spreadsheet

45.4% Web Platform

INTERNET2 2022TECHNOLOGYEXCHANGE
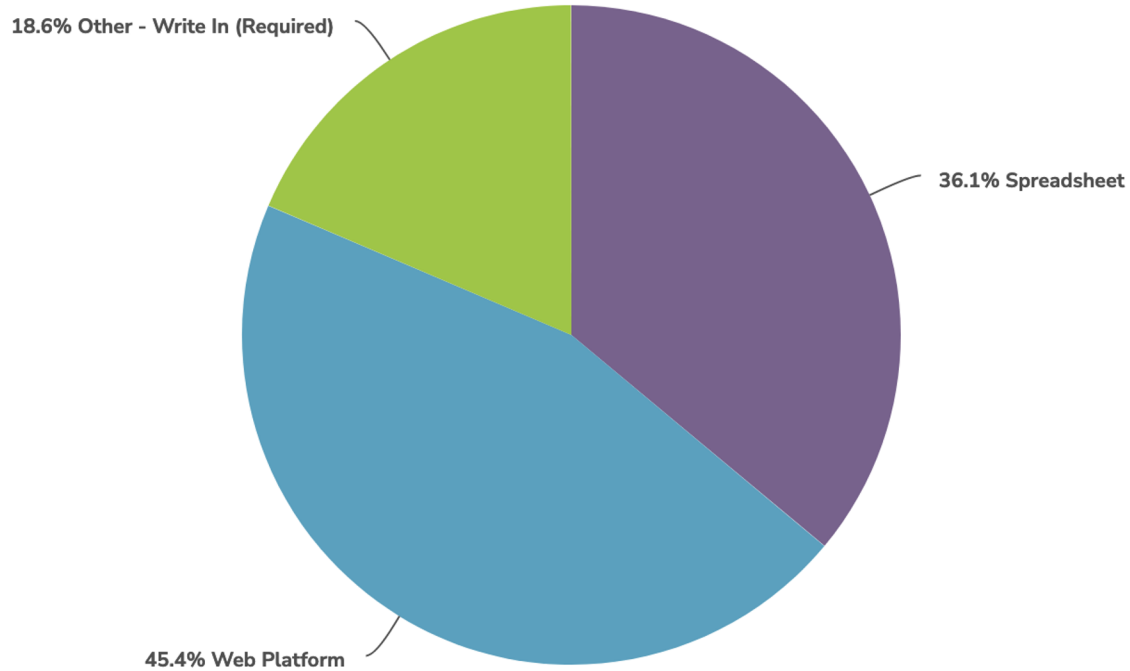
Comments

- 45% want a web platform

- 36% want a spreadsheet

- Maybe we should have asked if you wanted both?

Ideas for future

Develop a web platform?

Partner with existing provider?

INTERNET2 2022TECHNOLOGYEXCHANGE

What does your campus need to scale usage of the HECVAT and your vendor risk management program?

Comments

- More than 60% of respondents need additional resources to scale their vendor risk management programs.

- Almost half of the respondents need more training and documentation.

- Almost 1/3 need additional tooling

Ideas for future

- HECVAT team could partner with a service provider to support scaling HECVAT

  - For tooling, training and documentation

- What is unique to the community that we could create to provide the most value to the community?

- If more tooling, training, and documentation were available, would that be sufficient for campuses to scale their programs?

FEEDBACK AND WRAP-UP

HECVAT Future Plans

- Taking feedback from survey, today, and next couple engagements to develop proposed plan

- Engagement at Internet2 Technology Exchange for additional feedback

- Engagement at EDUCAUSE CPPC

- Coordination with potential partners and service providers

Resources

VISIT:

https://www.educause.edu/hecvat

EMAIL:

hecvat@educause.edu

JOIN:

HECVAT Users Community Group @
https://www.educause.edu/community/hecvat
-users-community-group (442+ subscribers!)

Contact Information

- Nick Lewis – nlewis@internet2.edu
- Susan Coleman Snyder – colemans@ren-isac.net
- Community Broker Index – hecvat@ren-isac.net