Demystifying the Higher Education Procurement Process

EDUCAUSE Corporate Learning Webinar
July 30, 2018

Today’s Speakers

Jon Allen
Baylor University

Nick Lewis
Internet2

Kim Milford
REN-ISAC
Agenda

1. Higher ed procurement and security & privacy procurement issues (Jon Allen)

2. Using the HECVAT in procurement (Nick Lewis)

3. How the Cloud Broker Index works (Kim Milford)

4. Q&A

Poll Question 1

Please let us know your affiliation:

- College or university
- Corporate sector
- Other (feel free to share in the chat)
**Poll Question 2**

Have you heard of the HECVAT before today’s webinar?

- Yes
- No

**The Challenge**

- Information Security is critical
- Resources invested during procurement are substantial on both sides
- Repeated process across higher education
What the HECVAT

- History
- Unique collaboration
- Ongoing project

Project Inspiration

- Campuses are rapidly adopting cloud services and deploying software systems
- Assessing the risk for cloud services and software systems as quickly as possible
- Developing vendor risk management programs
- Developing enterprise risk management programs
- Too much to do to effectively do it all!
The Job to Be Done

▪ How to as easily and quickly as reasonably possible share work done at one campus with other campuses
▪ Freeing up time & resources to dedicate back to critical information security functions
▪ Create a forum/space to share and find existing shared assessments
▪ Build on the existing higher education information security community sharing
▪ Ease vendor burden in responding to security and privacy product assessment requests

Project Today

▪ Questionnaires
▪ Crosswalks
▪ Cloud Broker Index (CBI)
▪ Working Group
Using HECVAT in Procurement

Campus Procurement

- How does campus procurement work from the IT Department perspective?

- IT Department, Information Security, and Procurement at times work closely on campus wide projects
HECVAT in Procurement

▪ How are campuses including HECVAT in their procurement?

▪ Procurement may collect the questionnaire for the infosec team to review

▪ Some campuses are including HECVAT in annual reviews, renewals, etc.

Managing Vendor Risk

▪ Information Security is one aspect of managing Vendor or 3rd Party risk

▪ Campuses are now including information security requirements in their agreements

▪ HECVAT is one potential component
HECVAT in Procurement

Higher Education Cloud Vendor Assessment Tool (HECVAT): Streamlining Security Risk Review

Five steps to protecting security and privacy in the cloud

**Bench**mark 1
Institution assesses HECWIs' requirements to ensure the service provider partners are protecting institutional systems and data appropriately.

**Bench**mark 2
Institution assigns the cloud for a new MIS and identifies the appropriate service fulfillment teams.

**Bench**mark 3
Institution checks the Internet Cloud Services listing and the REN-ISAC Cloud Broker Index to see if the proposed MIS has completed a HECWI assessment for its MIS product. If not:

**Bench**mark 4
During the procurement process, the institution of higher education and the REN-ISAC Cloud Broker Index look up the HECWI for the MIS product, and to list that HECWI in the REN-ISAC Cloud Broker Index.

**Bench**mark 5
Institution files the HECWI in the cloud for a new MIS, and the REN-ISAC Cloud Broker Index contacts the HECWI about its product.

**HECVAT Benefits**
For Institutions:
- Consistent Security Review Process
- Cost and Resource Savings

For Service Providers:
- Cost and Resource Savings
- Lead Generation

Kerry Milford (REN-ISAC) and Joanna Grama (EDUCAUSE)

www.educause.edu/hecvat

HECVAT Benefits

Community wide engagement and usage!
Poll Question 3

Are you already using HECVAT on your campus or at your organization?

- Yes
- No
- Unsure

Please let us know if you are using it!

Campuses Using the HECVAT

- Appalachian State University
- Art Institute of Chicago
- Baylor University
- Berry College
- Boston College
- Bowling Green State University
- Brown University
- California State University, Chico
- California State University, Stanislaus
- California State University System
- Carnegie Mellon University
- Champlain College
- Clarkson University
- Cornell University
- Davidson College
- Denison University
- DeSales University
- Drake University
- Drexel University
- Duquesne University
- Ferris State University
- Foothill-De Anza Community College District
- Franklin & Marshall College
- Georgia Institute of Technology
- Indiana University
- Indiana Wesleyan University
- Kent State University
- Linfield College
- Marylhurst University
- Miami University
- Morgan State University
- Northern Arizona University
- Oakland University
- Ohio Northern University
- Oregon State University
- Princeton University
- Rice University
- Rutgers University
- Southern Alberta Institute of Technology
- Stony Brook University
- Susquehanna University
- Troy University
- Truman State University
- University of California, Davis
- University of Delaware
- University of Maine System
- University of Maryland Baltimore
- University of Massachusetts Amherst
- West Virginia University
- Western Carolina University
- Western Michigan University
- Williams College
More HECVAT Benefits

▪ Regularly updated

▪ Can be tailored to specific situations for PCI, HIPAA, and consulting

▪ Saves time not completing hundreds of different questionnaires!

▪ HECVAT Lite!

Even More HECVAT Benefits

▪ Shows you’re aware of what is going on in higher education information security

▪ Internal security team can have assurance campuses are being sent correct information

▪ Awareness of the most important issues to higher education to include in prioritizing future work
HECVAT Downsides

- Campuses will still ask for their questionnaire
- Will still need to do a SSAE16, etc.
- Long questionnaire
- Low risk data classifications...
- Scoping depends on the campus
- Not going to address every campus question

What You Need to Do!

- Coordinate with internal teams on answering the questionnaire

- Decide on how you want to share it

- Identify several common use cases for your campus customers to determine scope and how to answer questions
Answering the Questions

▪ Instructions worksheet

▪ Fill in the Vendor and Qualifiers section

▪ Additional Information section can be used to point to additional information for a question

Initially, there are 4 use case specific sections...

<table>
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<tr>
<th>Section</th>
<th># of ?s</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Third Parties*</td>
<td>4</td>
<td>When a vendor (third party) uses a third party to support their product it is important to document vendor security assessments, any legal agreements, and general use case information. Section requirement based on Qualifier.</td>
</tr>
<tr>
<td>Consulting*</td>
<td>11</td>
<td>Controlled through a Qualifier. Vendor assessments for consulting services only require only a subset of questions to be answered; the remaining become optional.</td>
</tr>
<tr>
<td>PCI DSS*</td>
<td>12</td>
<td>Controlled through a Qualifier. The PCI DSS section is required when PCI DSS regulated data is shared.</td>
</tr>
<tr>
<td>HIPAA*</td>
<td>32</td>
<td>Controlled through a Qualifier. The HIPAA section is required when PCI DSS regulated data is shared. The largest section.</td>
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Cloud Broker Index (CBI)

- HECVAT Phase II
- Convenience
- Single Source
- Balance accessibility with privacy
  
  https://www.ren-isac.net/hecvat/cbi.html
# HECVAT & the CBI

## REN-ISAC proactively reach out to vendors
- We are working with 4 interested vendors covering additional products
- [hecvat@ren-isac.net](mailto:hecvat@ren-isac.net)

## Vendors come to REN-ISAC requesting participation
- Box was our first vendor
- We have 9 currently, covering 14 products
- Others in the works

## Universities working with certain vendors provide facilitation
- We request that HECVAT users send vendors to us
- We provide outreach as needed

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## Service Providers Using HECVAT

<table>
<thead>
<tr>
<th>Vendor</th>
<th>Product Assessed</th>
<th>Date of Assessment</th>
<th>Vendor Site</th>
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<td><a href="https://symplicity.com">https://symplicity.com</a></td>
</tr>
</tbody>
</table>
CBI: Your Way

**Public:**  *Hosted and linked on REN-ISAC web site*
- Vendor sends completed assessment to [HECVAT@REN-ISAC.net](mailto:HECVAT@REN-ISAC.net)

**Public2:**  *Vendor hosts, REN-ISAC links*
- Vendor sends the link to completed questionnaire

**Semi-public:**  *Vendor hosts, REN-ISAC links*
- Vendor hosts behind paywall, sends the link and information

**Private:**  *Vendor controls, REN-ISAC links*
- Vendor keep private, send instructions on how people can request

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Vendor Partner Value

- Reset the procurement conversation
- Reduce redundant use or staff
- Increase quality of assessments
- Differentiation in the marketplace
- Being seen as engaged with the community
- Getting contacts at potential customers
Phase Three

▪ Update HECVAT
▪ Automated triage
▪ PCI Crosswalk

Questions?

HECVAT Website
https://www.educause.edu/hecvat

HECVAT Cloud Broker Index
https://www.ren-isac.net/hecvat/cbi.html
Contact Us

General HECVAT questions:
security-council@educause.edu

CBI questions:
HECVAT@ren-isac.net