January ITC Meeting

Group: Information Technology Council 2021-2022
Subject: Minutes for the ITC Monthly Meeting
Date: Monday, January 24th, 2022, 9:00-10:00am
Location: Zoom

Recorder: Jenel Cavazos
Attendees: Andy Fagg (Computer Science), Aaron Biggs (Provost Office), Nick Key (IT), Ross Mehl (Extended Campus), Jenel Cavazos (Psychology), Richard Sprecker (Drama), Eric Zemke (Libraries), April Dickson (IT), David Horton (IT), Konstantinos Karathanasis (Music), Rin Ferraro (Graduate Student Senate), Aaron Baillio (IT Security), Edward Reali (Student Representative)

Meeting called to order at 9am. Review of minutes; passed with no concerns.

April Dickson: policy roadmap update
- Currently remote access policy is open for comments
    - Web site-based access not part of policy
    - Need help from this group identifying special remote access use cases
- Trying to draft a standard so that we can create typical use cases for remote use
    - We want it to be authenticated and to make sure that it is secure
    - Want OU VPN + Multi-Factor Authentication for most activities
        - Mostly serving admin activities (e.g., via ssh)
    - Concerned about departmentally-run VPNs
    - More info: https://share.ou.edu/sites/OUITSystemSecurity/SitePages/OU%20IT%20System%20Security%20Policy%2C%20Standard%20and%20Procedure%20Request%20For%20Comments.aspx

IT Policy, Standard, & Procedure (PSP) Program

OU IT PSP Roadmap

OU IT GRC, with guidance provided through a 2021 Internal Audit and the OU IT PSP Program Maturity Assessment, has developed a list of desired policies.

Importance	Policy Area	Proposed Approved Date	Proposed Implementation Date	Scope
High	End User Device Security Policy	August 2021	March 2022	Systemwide
High	Data Backup & Retention Management Policy	December 2021	March 2022	Systemwide
Moderate	Security Incident Management Policy	December 2021	March 2022	Systemwide
High	Remote Access Policy	January 2022	April 2022	Systemwide
Moderate	Acceptable Use Policy v 2.0	January 2022	April 2022	Systemwide
High	Identity and Access Management Policy	February 2022	May 2022	Systemwide
High	Privileged Access Management Policy	March 2022	June 2022	Systemwide
High	System Logging Policy	April 2022	July 2022	Systemwide
Moderate	OU IT Asset Management Policy	May 2022	August 2022	OU IT Only
Moderate	Encryption Standard	June 2022	September 2022	Systemwide
Moderate	Windows 10 Standard	July 2022	October 2022	Systemwide
Moderate	Windows 2019 Standard	August 2022	November 2022	Systemwide
Moderate	Windows 2016 Standard	September 2022	December 2022	Systemwide
Moderate	Oracle Database Standard	October 2022	January 2023	Systemwide
Moderate	SQL 2019 Standard	November 2022	February 2023	Systemwide
Moderate	Mac OSX Standard	December 2022	March 2023	Systemwide
Moderate	Security Awareness and Training Policy	January 2023	April 2023	Systemwide

Aaron Biggs: Teaching and Learning Technology Advisory Committee (TLTAC)
- Tier 2 advisory committee to shape a system-wide roadmap for teaching and learning technologies
    - Aaron reviewed where committee fits in governance, the mission statement, and membership profile
    - System to department-level teaching requirements and associated tools
- Discussion regarding relationship between this committee and ATE; likely strong cross-section of interaction but this group is meant more to shape policy at a system-wide level across campuses
    - ATE: Academic Technology Event held in January each year
- Current list of agenda items:
    - Interoperability of software across campus (e.g., Norman and OUHSC use different LMS's right now)
    - Simple syllabus
    - Proctoring
    - Ithenticate
    - Gradescope – any system-wide interest?

Nicholas Key: Research computing survey:
- Good idea to deep-dive next month but it's likely easiest to go through open comment boxes to look for specific topics to discuss
- Results are ready to send out to others (anyone with OU login can access)

Suspicious messages coming from within the OU domain.
Andrew: email sent by department that appeared suspicious; how do we know if a URL sent by OU is trustworthy?
- Nick: Because we are so large, we do have many services that are off-campus...so there isn't a one-stop easy solution
- Aaron: the idea is to train everyone to question; if enough people do, it will drive more standard use of the tools we already do have
    o Also, OU's tools are designed to rewrite URLs that are potentially dangerous; it catches and isolates most of them (85% estimated)
    o Anything suspicious should be reported by using the phish button or spam@ou.edu
    o Mass emails are reviewed by marketing & communications and either Provost's office or Aaron Biggs before going out
- Discussion about how links are rewritten within the system
    o URL-defense is not used for email originating from within the OU domain

Encryption of external media: current standard is that anything that goes out is encrypted; how interoperable is this within different operating systems, different machines, etc.?
- Bitlocker and Filevault are the current solutions
- Aaron: encryption is tied to machine; best way to share is onedrive

Andrew Fagg: Specific research computing examples to drive discussion about policy
- Discussed his own computing and data management requirements on robot assist project

Take-Aways

- Cross-institutional data exchange is necessary for our research
- Must support HIPAA and granular access controls
- Need approved mechanisms for doing this
    o Here, we rely on another institution taking the lead. But, OU needs to have pre-vetted ways of managing shared storage, too. This impacts our ability to go after certain grants
- Need reliable ways for remote data collection systems to automatically contact servers in the OU domain

- David Horton: we just invested in a new solution for sharing data using Internet 2; we also have another tool (Globus) that may work (https://www.globus.org/data-sharing)
    o Other resources are being looked at
- Aaron Baillio: our policies are changing constantly and collaboration is key – need to work together to make sure that needs are met

- Andrew Fagg: data are typically analyzed for years after initial collection; site license for 3 years may not be enough
    - David Horton: if a tool is used, it will be purchased again

Meeting concluded at 10:00am