MS-CC Cybersecurity Community of Practice

Purpose

Community-driven experience sharing to support and raise awareness of and best practices related to Cyberinfrastructure (CI) Cybersecurity at HBCUs, TCUs, and other MSIs for faculty, researchers, staff, and students.

Intended participants

Higher ed IT leaders, IT staff, faculty, and/or others leading, interested in cybersecurity on campus for faculty, staff, and students

Meeting Details

Group adheres to Chatham House Rule: https://en.wikipedia.org/wiki/Chatham_House_Rule

- Please do not use transcription bots in this meeting.

Gathering Cadence: 2nd Tuesdays, 2pm ET / 1pm CT / 12pm MT / 11am PT
Zoom Coordinates:

Meeting URL:	https://internet2.zoom.us/j/84346031069?pwd=dk4hprt2ZNaAfstkAkNbr6ulx8vSKY.1&from=addon
Meeting ID:	843 4603 1069
Passcode:	926377

Co-Coordinators:

- Stephen Bollinger, NCAT (spbollin@ncat.edu)
- Internet2 staff liaison: Jennifer Kim (jkim@internet2.edu)

Cybersecurity CoP folder

Cybersecurity Community of Practice Notes & Agendas

- September 8, 2026: Roundtable discussion - Fall Semester and Ghost students
- August 11, 2026: Roundtable discussion
- Jul 14, 2026: No meeting
- Jun 9, 2026: Higher Education Cybersecurity Challenges with OmniSOC
- May 12, 2026: End-of-Semester Cybersecurity CoP Round-Table
- April 14, 2026: No meeting
- March 10, 2026: AI Current Affairs
- February 10, 2026: no meeting
- January 13, 2026: Center of Academic Excellence: Your University's VIP Pass to Cybersecurity Success!
- December 9, 2025: No meeting
- November 11, 2025: Open Discussion
- October 21, 2025: Second Special Joint CoP on AI Policy
- September 9, 2025: AI Policy - Cybersecurity lense
- August 19, 2025: Special Joint CoP on AI Policy
- July 8, 2025: Cyber talent shortage / Cyber Threat Intelligence Capability, and Social Engineering
- June 10, 2025: Digital Privacy and your Digital Fingerprint
- May 13, 2025: HPC Security and best practices
- April 8, 2025: VMWare Licensing and Cybersecurity
- March 11, 2025: Best practices to handle BOTS that won't stop trying
- February 11, 2025: A Cybersecurity Perspective on Disaster Recovery
- January 14, 2025: Introduction to Post-Quantum Cryptography
- December 10, 2024: Navigating Generative AI in Academic Research
- November 12, 2024: Challenges & Solutions for AI Privacy
- October 8, 2024: NSF Cybersecurity Summit MS-CC Birds of a Feather
- September 10, 2024: Bringing Researchers & IT together for Cybersecurity
- August 13, 2024: CrowdStrike - Open Conversation about Experiences & Lessons Learned
- July 9, 2024: Virtual Private Networks
- June 11, 2024: Multi-factor Authentication
- May 24, 2024: A Brief History of Modern AI and Why Local AI Matters
- April 9, 2024: Phishing Attacks
- March 12, 2024: Penetration Testing
- February 13, 2024: Handling Federally Regulated Research Data
- January 9, 2024: GLBA Cybersecurity Requirements
- December 12, 2023: Artificial Intelligence Security
- November 14, 2023: Digital Navigator, Digital Literacy & Cybersecurity
- October 10, 2023: Ransomware

Threat Intelligence Briefings

20260310-Intelligence_Briefing-TOR_NETWORK_Threat_Actors.pdf

20251021 Intelligence Briefing - CCoP - MS-CC.pdf

20250909 Intelligence Briefing - CCoP - MS-CC.pdf

Meeting Agendas, Notes, and Attendees

Oct 13, 2026

- Welcome & Chatham House Rule https://en.wikipedia.org/wiki/Chatham_House_Rule
- Introductions for newcomers & attendee sign in
- Threat Intelligence Briefing
    -
- Announcements
    - Delaware State University's Smart Agriculture 24-Hour Hackathon this coming weekend
    - All Hands Meeting - October 22, 2026, 2pm ET - Last of the year!
- Today's Topic: Cybersecurity Awareness Month
    - AI attack facts:
        - 27 sec: Fastest eCrime breakout time on record
        - 89% increase in attacks by AI-enabled adversaries
        - 42% increase in zero-day vulnerabilities exploited prior to public disclosure
        - 40% of vulnerabilities exploited by China-nexus threat actors targeted edge devices
        - 266% increase in cloud-conscious intrusions by state-nexus threat actors
    - EDUCAUSE has an upcoming learning lab :
        - **Learning Lab | Applied AI Security for Higher Ed Professionals: October 2026**
    - **Beyond Code: Engineering Trustworthy Software Systems with AI at Scale**
    - CISA Official Alerts - https://www.cisa.gov/stopransomware/official-alerts-statements-cisa
    - Anthropic AI tests taken offline - https://www.bleepingcomputer.com/news/security/anthropic-takes-risky-ai-tests-offline-after-models-breach-govt-sites/
    - GitLab CVE, unauthenticated users could run code - https://thehackernews.com/2026/10/gitlab-patches-cvss-100-flaw-that-could.html
    - Center for Internet Security - https://www.cisecurity.org/ms-isac
    - InfraGard - FBI and private sector protecting US critical infrastructure - https://infragard.fbi.gov/
    - Firmware for cameras - https://thingino.com/
    - Buterin Warns AI Math Could Crack Lattice Cryptography Within Two Years - https://finance.biggo.com/news/d4bee985-d81f-4e17-ab43-d0c008099cc8
    - ArtCraft - https://github.com/storytold
    - Cybersecurity predictions that came true in the first half of 2026 - https://www.scworld.com/perspective/cybersecurity-predictions-that-came-true-in-the-first-half-of-2026?utm_source=sc-dailyscan&utm_medium=email&nbd=%7B%7Blead.HumId%7D%7D&nbd_source=mrkto&mkt_tok=MTg4LVVOWi02NjAAA

AGk061kr40TUksatRU5M05JpPd5puTdnCx_DEIM2ghKclUPlfKCBmR2P2aQvhISgmX9-JZZB_tJNYMfjGEsXWuUCxCu7o1WnZPtl9PTqVWLLA

- Cybersecurity for K-12 Education - https://www.cisa.gov/topics/cybersecurity-best-practices/K12cybersecurity

Attendee Sign In:

- Participants noted (23 total, 25 noted):
  - Jennifer Kim, MS-CC, jkim@internet2.edu
  - Stacie Pretty On Top, SKC, stacie_prettyontop@skc.edu
  - Jessica Johnson, MS-CC, jmjohnson@internet2.edu
  - Matthew McCowan CCCC matthew.mccowan@littlehoop.edu
  - Peter Angelos MS-CC Board peter.angelos@gmail.com
  - Terry Haygood, Jackson State University, terry.haygood@jsums.edu
  - Lance Nichols, Alcorn State University, lancelnichols@alcorn.edu
  - Kiana Lyles, Howard University Co-hort kianalyles12@gmail.com
  - Suzanna Gardner gardn161@purdue.edu

Sep 8, 2026

- Welcome & Chatham House Rule https://en.wikipedia.org/wiki/Chatham_House_Rule
- Introductions for newcomers & attendee sign in
- Threat Intelligence Briefing
  - Is there a central clearing house that can share information about specific cases between higher ed institutions?
  - How pervasive are suspicious invites to shared folders that ask for institutional login credentials?
  - How are fake students actually physically attending classes?
  - What are some other techniques institutions can employ to validate only online students for online only programs?
- Announcements
  - First Tribal Hackathon - https://ms-cc.org/oglala-lakota-first-tribal-hackathon/
  - AHM - Sept 24, 12pm ET
  - MS–CC Agentic AI Virtual Workshop – Sept 30, 11am ET - https://ms-cc.org/ms-cc-ai-readiness-program/
  - Florida Memorial University Workshop - Oct 8-9 - https://ms-cc.org/florida-memorial-university-workshop/
  - Identity Proofing Accelerator - Sept 22-Dec 8; Feb-April - https://incommon.org/academy/accelerators/identity-proofing-accelerator

        - Reach out to jkim@internet2.edu with any questions or to express your interest!
- Today's Topic: Roundtable discussion on threats to higher ed at the start of the Fall semester
    - Ghost student / Financial Aid Fraud
    - Student concerns around being falsely accused of plagiarism or cheating
        - Opportunity for institutions to revise the process and policy of being accused of or validating plagiarism?
        - Autistic students accused of using AI - https://arxiv.org/html/2607.14729v1

Attendee Sign In:

- Participants noted (23 total, 25 noted):
    - Jennifer Kim, MS-CC, jkim@internet2.edu
    - Jessica Johnson, MS-CC jmjohnson@internet2.edu
    - Peter Angelos, MS-CC Board member, peter.angelos@gmail.com
    - Matthew McCowan CCCC matthew.mccowan@littlehoop.edu
    - Hong Jiang, Benedict College Hong.Jiang@benedict.edu
    - Feseha Abebe-Akele, Elizabeth City State University, fabebeakele@ecsu.edu
    - Terry Haygood, Jackson State University, terry.haygood@jsums.edu
    - Sherry A. Carradine, Alcorn State University scarradine@alcorn.edu
    - Mila Turner, Clark Atlanta University, mturner@cau.edu
    - Sterling H. Garrett, sterling.garrett@mmc.edu
    - Wansoo Im, wim@mmc.edu
    - Stacie Pretty On Top, SKC, stacie_prettyontop@skc.edu
    - Ramadan El Sharif, rsharif@wilberforce.edu
    - David Lockett, MMC dlockett@mmc.edu

Aug 11, 2026

- Welcome & Chatham House Rule https://en.wikipedia.org/wiki/Chatham_House_Rule
- Introductions for newcomers & attendee sign in
- Announcements
    - Research Catalyst Program - applications due August 21 https://ms-cc.org/ms-cc-research-catalyst-program/
    - All Hands Meeting - 8/27
    - InCommon
        - Identity Foundations - https://incommon.org/academy/workshops/identity-foundations
            - Interested in participating? Reach out to jkim@internet2.edu for support
        - Identity Proofing Accelerator - https://incommon.org/Identity Foundations - InCommonacademy/accelerators/identity-proofing-accelerator

        - Interested in participating? Reach out to jkim@internet2.edu for support
- Today's topic: Roundtable discussion on timely topics and emerging cybersecurity issues as we move into the Fall semester
    - RaaS
        - https://en.wikipedia.org/wiki/Ransomware_as_a_service
        - https://www.ibm.com/think/topics/ransomware-as-a-service
        - https://www.cisa.gov/news-events/cybersecurity-advisories/aa26-222a
    - Sharepoint vulnerability - https://thehackernews.com/2026/08/researchers-disclose-ai-assisted.html
    - OpenSSH updated today - https://www.openssh.org/releasenotes.html
    - EDUCAUSE Navigating the NIST Frameworks (login required) - https://events.educause.edu/webinar/2026/navigating-the-nist-frameworks-pick-your-risk-management-focus
    - EDUCAUSE AI resources (login not required): https://library.educause.edu/topics/infrastructure-and-research-technologies/artificial-intelligence-ai
    - EDUCAUSE **Teaching with Artificial Intelligence** (login not required): https://library.educause.edu/topics/teaching-and-learning/teaching-with-artificial-intelligence
    - AI refusal/resistance
        - https://aftermath.site/ai-resistance-tips-workforce-llm-workers/
        - https://er.educause.edu/articles/2026/6/the-current-state-of-play-ai-in-higher-education-and-the-road-ahead
        - https://er.educause.edu/podcasts/educause-rising-voices/2026/managing-ai-risk-and-return
        - https://libguides.library.ncat.edu/CST703
        - Alliance for Refusing Generative AI (ARG AI) Discord Server: https://discord.com/invite/fPpdr2fkBp
        - Tangential, but cool: https://www.dezeen.com/2026/07/31/decoy-font-ai-mixfont/
- Discussion
- Attendee Sign In:
    - Participants noted (22 total):
        - Jennifer Kim, MS-CC, jkim@internet2.edu
        - Stephen Bollinger, NC A&T spbollin@ncat.edu
        - Matthew McCowan Cankdeska Cikana Community College
        - Sanju Timsina, MS-CC
        - Peter Angelos, MS-CC Board Member
        - Suzanna Gardner
        - David Sliman, University of Southern Mississippi
        - David Lockett, Meharry SACS
        - Mila Turner, Clark Atlanta University

Jul 14, 2026

- Session cancelled due to team meeting conflicts.

Jun 9, 2026

- Welcome & Chatham House Rule https://en.wikipedia.org/wiki/Chatham_House_Rule
- Introductions for newcomers & attendee sign in
- Announcements
    - MS-CC Technical Webinar Series
        - Next one is June 10th - Getting Started with JetStream2
    - MS-CC AI Readiness Webinar Series
        - Next one is June 17th - Getting Started with AI Coding and Notebooks
- Today's topic: Higher Education Cybersecurity Challenges with OmniSOC
- Discussion
- **Attendee Sign In: 30**
- Participants noted:
    - Jennifer Kim, MS-CC
    - David Sliman, University of Southern Mississippi
    - Feseha Abebe-Akele, Elizabeth City State University/fabebeakele@ecsu.edu
    - Matthew McCowan, Cankdeska Cikana Community College
    - Sanju Timsina, MS-CC
    - Hong Jiang, Benedict College
    - Suzanna Gardner gardn161@purdue.edu
    - Ramadan El Sharif, Wilberforce University. rsharif@wilberforce.edu
    - Alecia Anderton-Georgie Shaw University
    - Sherry A. Carradine, Alcorn State University
    - Ming-Hsing Chiu, MS-CC, Dillard University
    - Ganesh Bora, Fayetteville State University
        -

May 12, 2026

- Welcome & Chatham House Rule https://en.wikipedia.org/wiki/Chatham_House_Rule
- Introductions for newcomers & attendee sign in
- Announcements
    - MS-CC Annual Meeting - May 26-29 in New Orleans
    - MS-CC AI Readiness Webinar Series
- Today's topic: End-of-Semester Cybersecurity CoP Round-Table
- Discussion
    - Canvas / Instructure
        - Backups?
        - What are our expectations of vendors?

                - Higher Ed Community Vendor Assessment Toolkit (HECVAT)
            - https://www.linkedin.com/pulse/canvas-breach-what-mitre-attck-chain-tells-us-how-fight-marko-paris-8ls3e
        - AI being used to find exploits
        - Topics brought up by CoP
            - Canvas / Instructure Platform Breach
            - Yale New Haven Health System
            - Ransomware against education
            - Extortion based ransomware
            - AI discovered 0-day exploits in various open source OSes
            - I was in the middle of final grading when the Maintenance Slide came up
            - What IAM and IDM solutions are being used by other universities?
            - Wake County School Systems in NC
- Attendee Sign In: 27
    - Participants noted:
        - Jennifer Kim, MS-CC
        - Matthew McCowan, CCCC
        - Ganesh Bora, Fayetteville State University
        - Lance Nichols, Alcorn State University
        - Sanju Timsina, MS-CC
        - Lizbeth Johnson
        - Ramadan El Sharif, rsharif@wilberforce.edu

April 14, 2026

No meeting

Mar 10, 2026

- Welcome & Chatham House Rule https://en.wikipedia.org/wiki/Chatham_House_Rule
- Introductions for newcomers & attendee sign in
- Announcements
    - MS-CC Annual Meeting - May 26-29 in New Orleans - registration open this week
    - NAIRR meeting this week
        - Volunteer as a reviewer for the NAIRR Pilot!
        - Recording on requesting resources via the National AI Research Resource (NAIRR) Pilot
- Cybersecurity Threat Intelligence Briefing - Dameion Brown, JSU
    - **Presentation:** 20260310-Intelligence_Briefing-TOR_NETWORK_Threat_Actors.pdf
- Today's topic: *AI Current Affairs*
    - **Recording:** 20260310-Recording-AI_Current_Affairs.mp4
    - **Presentation:** 20260310-Powerpoint-AI_Current_Affairs.pdf
    - Resource links: https://libguides.library.ncat.edu/CST703

        - https://www.npr.org/2026/03/06/nx-s1-5732793/college-student-perspective-using-ai-in-class
        - https://www.anildash.com/2025/10/17/the-majority-ai-view/
        - https://www.404media.co/ai-psychosis-help-gemini-chatgpt-claude-chatbot-delusions/
        - https://stratechery.com
        - https://simonwillison.net
        - https://www.tomshardware.com/tech-industry/artificial-intelligence/amazon-calls-engineers-to-address-issues-caused-by-use-of-ai-tools-report-claims-company-says-recent-incidents-had-high-blast-radius-and-were-allegedly-related-to-gen-ai-assisted-changes
        - https://techcrunch.com/2026/02/23/a-meta-ai-security-researcher-said-an-openclaw-agent-ran-amok-on-her-inbox/
        - https://spyglass.org/openclaw-versus-closed-claude/
        - https://www.svd.se/a/K8nrV4/metas-ai-smart-glasses-and-data-privacy-concerns-workers-say-we-see-everything
        - https://www.techdirt.com/2026/03/09/if-youre-going-to-defend-ai-and-whine-about-its-critics-you-should-probably-be-honest-about-its-actual-harms/
        - https://karlbode.com/the-problem-with-ai-is-shitty-human-beings/
        - https://softwarecrisis.dev/letters/llmentalist/
    - Primer: AI Coding Assistant training - https://hprc.tamu.edu/training/primer_ai_assistant.html
    - EDUCAUSE Showcase Collaborative Cybersecurity - https://www.educause.edu/showcase-series/2026/collaborative-cybersecurity
    - NetNewsWire - RSS feed - https://netnewswire.com/
- Discussion
- Attendee Sign In
    - Participants noted: 31
        - Jennifer Kim, MS-CC
        - Stephen Bollinger, NCAT
        - Matthew McCowan, Cankdeska Cikana Community College
        - Alex Grandon, AIHEC
        - Ken Williams, Southern University at New Orleans (SUNO)
        - David Sliman, University of Southern Mississippi
        - Harold Ramcharan, Grambling State U.
        - Ramadan El Sharif, Wilberforce University, rsharif@wilberforce.edu

Feb 10, 2026

No meeting

Jan 13, 2026

- Welcome & Chatham House Rule https://en.wikipedia.org/wiki/Chatham_House_Rule

- Introductions for newcomers & attendee sign in
- Announcements
    - We are looking for a new CoP co-chair this year. Please contact us to express your interest in serving as co-chair.
- Today's topic: Center of Academic Excellence: Your University's VIP Pass to Cybersecurity Success!
    - **Recording**: 20260114-Center_of_Academic_Excellence.mp4
    - **Presentation**: 20260113-Powerpoint-Center_of_Academic_Excellence.pdf
    - This session will introduce the NSA/DHS Center of Academic Excellence (CAE) Program, a national initiative that recognizes institutions for meeting rigorous cybersecurity education standards. The benefits to the University and Students to become a CAE, and NCCU's CAE Program and the benefits seen over the last 5 years.
    - Dr. Deanne Cranford-Wesley is the Director of Cybersecurity Program at North Carolina Central University (NCCU); she is also the Point of Contact for the Center of Academic Excellence in Cyber Defense, where she oversees the innovative cybersecurity lab at NCCU. Dr. Cranford- Wesley is also a Consultant for the National Cybersecurity Education Center. She is a Clinical Professor in the Computer Information System Department in the School of Business where she teaches cybersecurity and AI technology.
    - Various types of Centers of Academic Excellence: https://www.nsa.gov/Academics/Centers-of-Academic-Excellence/
    - Resources, checklists - https://www.ncyte.net/
    - Cyber operations focus with a SOC - pursue cyberoperations
        - Oftentimes military institutions
    - Ethical hacking, cybersecurity degree programs - pursue cyber defense
    - NCCU offers:
        - Cybersecurity cert (18 credit hours, geared towards early career)
        - MS with concentration in Cybersecurity
        - BS with concentration in Cybersecurity
        - Minor in Cybersecurity
        - Working on BS with major in Cybersecurity and focus on AI (working on CAE for AI)
    - Students have had opportunities to work with small businesses in developing cybersecurity guidelines
    - 80% of students have had offer letters from employers prior to graduation
        - Adequately prepared skills from the program
    - CAE in Cybersecurity Community - https://www.caecommunity.org/
        - This is now open to the general community to interact with folks who are part of a CAE
- Discussion
- Attendee Sign In
    - Participants noted: 42
        - Jennifer Kim, MS-CC

        - Dr. Deanne Cranford-Wesley, NCCU dcranfor@nccu.edu
        - Matthew McCowan Cankdeska Cikana Community College
        - Camille Gibson- Prairie View A&M University
        - Dameion Brown - Jackson State University
        - Warren Stemmons - Southern University at New Orleans
        - Edith Orozco - St. Philip's College
        - Suxia Cui - Prairie View A&M University
        - Stacie Pretty On Top - Salish Kootenai College
        - Terry Haygood - Jackson State University
        - Bacarri Byrd - Benedict College
        - Sheridan McNeil, North Dakota State University/ND EPSCoR
        - RaymondJames Gallant, Eastern New Mexico University—Portales
        - Ganesh Bora, Fayetteville State University
        - Sterling H. Garrett, Meharry Medical College - SACS Cybersecurity Assurance Master's program sterling.garrett@mmc.edu
        - Alex Grandon, AIHEC

Dec 9, 2025

No meeting

Nov 11, 2025

- Welcome & Chatham House Rule https://en.wikipedia.org/wiki/Chatham_House_Rule
- Introductions for newcomers & attendee sign in
- Announcements
    - We are looking for a new CoP co-chair starting in the new year. Please contact us to express your interest in serving as co-chair.
- Today's topic
    - Join us for an open discussion about your activities related to Cybersecurity Awareness Month.
        - https://cyberbowl.oit.ncsu.edu
        - https://hub.ncat.edu/administration/its/cybersecurity/csam-2025.php
        - https://passwordle.web.illinois.edu/
        - https://www.alamo.edu/sac/about-sac/college-offices/ots/security/cyber-security-awareness-month/
        - Infosec vendor for phishing simulator and embedded in LMS
    - In addition, we invite you to share updates on your institutional cybersecurity programs.
    - We will also crowdsource ideas for future CoP activities and topics.
        - Best practices other universities have
            - Do you have a SoC?

        - What do research computing professionals in MS-CC institutions see as career pathways?
            - Engage with HR folks?
        - https://carcc.org
- Discussion
- Attendee Sign In
    - Participants noted: 25
        - Jim Basney, Trusted CI @ UIUC, jbasney@ncsa.illinois.edu
        - Jennifer Kim, MS-CC
        - Stephen Bollinger, spbollin@ncat.edu
        - Al Anderson
        - Damian Rouson
        - Terry Haygood
        - Yasmine House
        - David Sliman
        - Alexia Jones
        - Sidney Davis
        - Ayana Talley
        - David Lockett
        - E J Jones
        - Glen MacLachlan
        - Harold Ram
        - Hong Jiang
        - Joel Gershenfeld
        - Lance Nichols
        - Larry Long
        - Pushpita Chatterjee
        - Raph Williams
        - Rita Flores
        - Sidney Davis
        - Suxia Cui
        - Widodo Samyono
        - Summer Boyd
        - Dameion Brown
        -

Oct 21, 2025

In lieu of our regularly scheduled convening on October 14, 2025, please join us the following week, on **October 21, 2025** for our Second Special Joint CoP on AI Policy.

In this follow-up session, we will:

- Recap the key takeaways, questions, and resources discussed in August
- Facilitate group-based refinement of the initial draft guidance themes

- Identify areas of convergence across institutions
- Outline next steps toward co-developing a practical AI Policy Guidance Document targeted for early 2026 release

Sep 9, 2025

- Welcome & Chatham House Rule https://en.wikipedia.org/wiki/Chatham_House_Rule
- Introductions for newcomers & attendee sign in
- Announcements
    - Registration is open for next month's NSF Cybersecurity Summit, deadline Oct 6
        - October 20-23, 2025 | Center Green Campus at UCAR and NSF NCAR in Boulder, CO
    - MS-CC Science and Research Technology Workshop at Coppin State University, September 30 – October 1, 2025
    - MS-CC Science and Research Technology Workshop at Tuskegee University, October 14 – 15, 2025
    - Identity & Access Management (IAM) Fundamentals Training by MS-CC in collaboration with Cirrus Identity, 2 cohorts, one starting Sept 16, the other Oct 7
- Cybersecurity Threat Intelligence Briefing - Dameion Brown, JSU
    - Created by the JSU Fusion Center
    - 20250909 Intelligence Briefing - CCoP - MS-CC.pdf
- Start of discussion
    - Housekeeping - NO recording today, 9/9/25
        - Please be advised that portions of this meeting may be recorded and may be publicly shared, including on platforms such as YouTube. By participating, you consent to the recording and its public dissemination
- Discussion - AI Policy - Cybersecurity lense
    - 082025_AI Policy Shell
- Attendee Sign In
    - Participants noted: 37
        - Jennifer Kim, I2, jkim@internet2.edu
        - Chasidie Tourtillott, College of Menominee Nation, ctourtillott@menominee.edu
        - Terry Haygood, Jackson State, terry.haygood@jsums.edu
        - Mohamed Khairi (mkhairi@jarvis.edu)
        - Ganesh Bora, Fayetteville State University, gbora@uncfsu.edu
        - David Sliman, University of Southern Mississippi, david.sliman@usm.edu
        - Stephen Bollinger, NCAT spbollin@ncat.edu
        - Dameion Brown, Jackson State University - dameion.e.brown@jsums.edu
        - Glen MacLachlan <maclach@gwu.edu>
        - Suzanna Gardner gardn161@purdue.edu
        - Sonya Satterfield satterfield@alasu.edu

        - Hong Jiang hong.jiang@benedict.edu
        - Nichelle Barksdale
        - Matthew McCowan matthew.mccowan@littlehoop.edu
        - Armando B. Mpembele ampembel@tnstate.edu
        - Lance Nichols lancelnichols@alcorn.edu Alcorn State University
        - Sherry A. Carradine scarradine@alcorn.edu Alcorn State University

Aug 19, 2025

Special Joint CoP on AI Policy

082025_AI Policy Shell

Jul 8, 2025

- Welcome & Chatham House Rule https://en.wikipedia.org/wiki/Chatham_House_Rule
- Introductions for newcomers & attendee sign in
- Announcements
    - https://www.ren-isac.net/services/publications/alerts/iran-israel-advisory.html
- Start of discussion
    - Housekeeping
        - Please be advised that portions of this meeting may be recorded and may be publicly shared, including on platforms such as YouTube. By participating, you consent to the recording and its public dissemination
- Discussion - *Cyber talent shortage / Cyber Threat Intelligence Capability, and Social Engineering* - George Bailey, Director of Purdue cyberTAP, and Madiha Fathima
    - Presentation recording
    - Cyber Talent presentation
    - Social Engineering presentation
- Attendee Sign In
    - Participants noted: 36
        - Jennifer Kim, I2, jkim@internet2.edu
        - Suzanna Gardner - gardn161@purdue.edu
        - Jim Basney, Trusted CI @ UIUC
        - Stephen Bollinger, NCAT
        - Albert Williams, JSU
        - George Bailey, Purdue
        - Madiha Fathima, Purdue
        - Ann Podleski, Harris-Stowe State University (St. Louis, MO)
        - Dr. Ramadan El Sharif, Wilberforce University, rsharif@wilberforce.edu)

    - Jenni Rae, I2
    - Kenneth L Williams, Director Cybersecurity, SUNO
    - Terry Haygood, Jackson State University
    - Cynthia Charles Ed.D. Library Director, HTU Austin, TX
    - Matthew McCowan Cankdeska Cikana Community College
    - Lance Nichols, Alcorn State University
    - April Dawson, NCCU Law
    - Summer Boyd, JSU
    - Dameion Brown, JSU
    - Widodo Samyono, Jarvis Christian University, Hawkins, TX, wsamyono@jarvis.edu
    - Stacie Pretty On Top, Salish Kootenai College
    -

Jun 10, 2025

- Welcome & Chatham House Rule https://en.wikipedia.org/wiki/Chatham_House_Rule
- Introductions for newcomers & attendee sign in
- Announcements
    - 2025 NSF Cybersecurity Summit Call For Participation
- Start of discussion
    - Housekeeping - no recording on 6/10/2025
        - Please be advised that portions of this meeting may be recorded and may be publicly shared, including on platforms such as YouTube. By participating, you consent to the recording and its public dissemination
- Discussion - Digital Privacy and your Digital Fingerprint
    - https://www.schneier.com/
    - https://localmess.github.io/
- Next time:

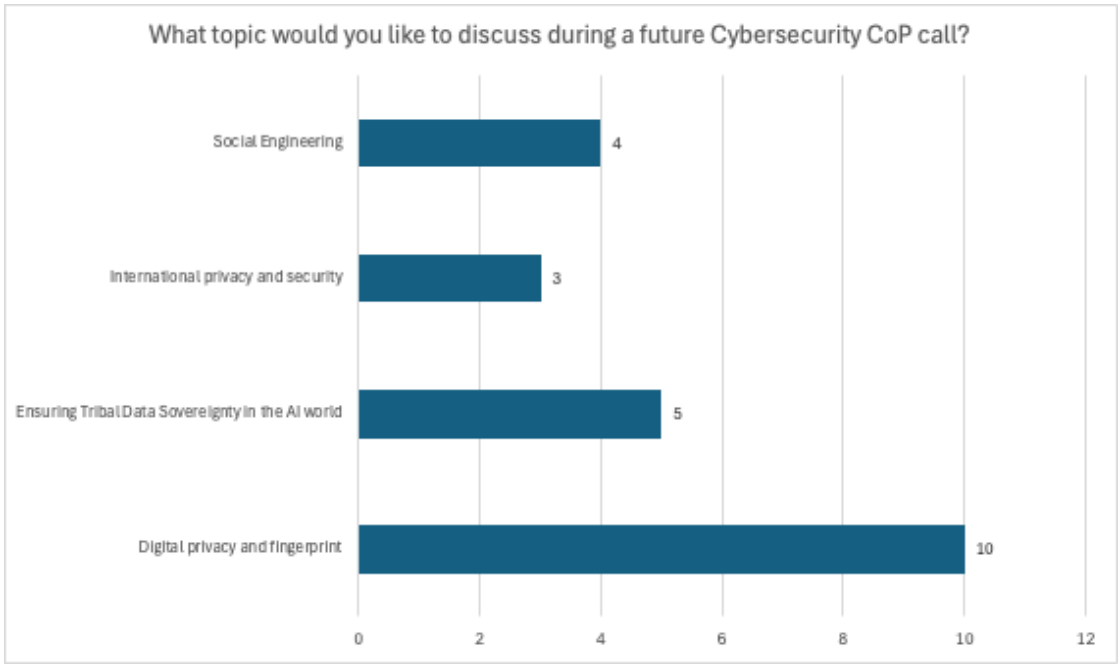


- Attendee Sign In
  - Participants Noted: 29
    - Jennifer Kim, I2
    - Jim Basney, Trusted CI @ UIUC
    - Jessica Johnson, I2/MS-CC
    - Ganesh Bora, Fayetteville State University
    - Dr. Ramadan El Sharif, Wilberforce University, rsharif@wilberforce.edu
    - Kelli Shute, Trusted CI @ Indiana University
    - Stacie Pretty On Top, SKC
    - Ming Chiu, Dillard University, CLB Member
    - Dameion Brown, Jackson State University
    - David Sliman, University of Southern Mississippi
    - Ken Williams, Southern University at New Orleans
    - Adebisi Oladipupo, Hampton University, Hampton VA
    - Hongmei Chi, Florida A&M University
    - Summer Boyd, Jackson State University
    - Dameiom Brown, Jackson State University

May 13, 2025

- Welcome & Chatham House Rule https://en.wikipedia.org/wiki/Chatham_House_Rule
- Introductions for newcomers & attendee sign in
- Announcements
  - Annual Meeting: https://ms-cc.org/2025-ms-cc-annual-meeting/
  - Recent events

- Start of discussion
    - Housekeeping - no recording on 5/13/2025
        - Please be advised that portions of this meeting may be recorded and may be publicly shared, including on platforms such as YouTube. By participating, you consent to the recording and its public dissemination
- Discussion - HPC Security and best practices
    - info on security & compliance at TACC: https://tacc.utexas.edu/about/security-and-compliance/
    - Circular A-130: https://www.cio.gov/policies-and-priorities/circular-a-130/
    - NIST SP 800-37: https://csrc.nist.gov/pubs/sp/800/37/r2/final
    - NIST SP 800-53: https://csrc.nist.gov/pubs/sp/800/53/r5/upd1/final
    - NIST SP 800-171: https://csrc.nist.gov/pubs/sp/800/171/r3/final
    - FIPS 199: https://csrc.nist.gov/pubs/fips/199/final
    - FISMA: https://www.cisa.gov/topics/cyber-threats-and-advisories/federal-information-security-modernization-act
    - HPC Overlay https://csrc.nist.gov/pubs/sp/800/234/ipd
    - Who develops and maintains the ssp? - system owner / information system owner
    - Define what your system is via boundaries
    - How much time, and how much manpower does it take to get a working, presentable version of this plan? 500 hours initially
    - Regulated Research Community of Practice: https://www.regulatedresearch.org/
    - Compliance support: https://procellis.com/
    - Student Freedom Initiative: https://studentfreedominitiative.org/
    - Where to start? Pick a framework
        - Trusted CI Framework: https://www.trustedci.org/framework
        - CIS Controls: https://www.cisecurity.org/controls/cis-controls-list
    - Biggest mistake - thinking you have to be perfect
        - The auditor works for you



- Attendee Sign In
    - Participants Noted: 35
        - Jennifer Kim, I2
        - Jim Basney, Trusted CI @ UIUC
        - Nathaniel Mendoza, TACC
        - Jan Sandoval, TACC
        - DeShang Weaver, @ORU
        - Albert Williams, Jackson State University
        - Armando B. Mpembele, CI Coordinator, Nashville HBCUs CI Consortium
        - Ming Chiu, Dillard University
        - Cynthia Charles Ed.D., Huston-Tillotson University, Austin TX
        - Kenneth L Williams, PhD CISSP, Southern University at New Orleans
        - Matthew McCowan CCCC
        - Ayana Talley, Langston University
        - Alex Grandon, AIHEC
        - Ganesh Bora, Fayetteville State University
        - Harold Ramcharan, Grambling State University
        - Ann Podleski, Harris-Stowe State University

Apr 8, 2025

- Welcome & Chatham House Rule https://en.wikipedia.org/wiki/Chatham_House_Rule
- Introductions for newcomers & attendee sign in
- Announcements

    - Annual Meeting: https://ms-cc.org/2025-ms-cc-annual-meeting/
    - Recent events
- Start of discussion
    - Housekeeping - no recording on 4/8/25
        - Please be advised that portions of this meeting may be recorded and may be publicly shared, including on platforms such as YouTube. By participating, you consent to the recording and its public dissemination
- Discussion - Are VMWare license increases a security risk?
    - Resources
        - https://arstechnica.com/information-technology/2024/10/a-year-after-broadcoms-vmware-buy-customers-eye-exit-strategies/
        - https://arstechnica.com/information-technology/2025/01/a-long-costly-road-ahead-for-customers-abandoning-broadcoms-vmware/
        - https://arstechnica.com/security/2025/03/vmware-patches-3-critical-vulnerabilities-in-multiple-product-lines/

vmware by Broadcom

Information VMware by Broadcom

Important changes at Broadcom regarding VMware licensing

Dear partner,

We would like to inform you of significant changes made by Broadcom that will impact our joint business.

Starting April 10 , the minimum number of cores required for VMware licenses will increase substantially, from **16 to 72 cores** per command line.

Example :

If a customer has a single-processor server with 8 cores, VMware by Broadcom will license 72 cores. On the other hand, if a customer has 5 dual-processor servers with 16 cores each (i.e., 160 cores), VMware by Broadcom will license 160 cores.

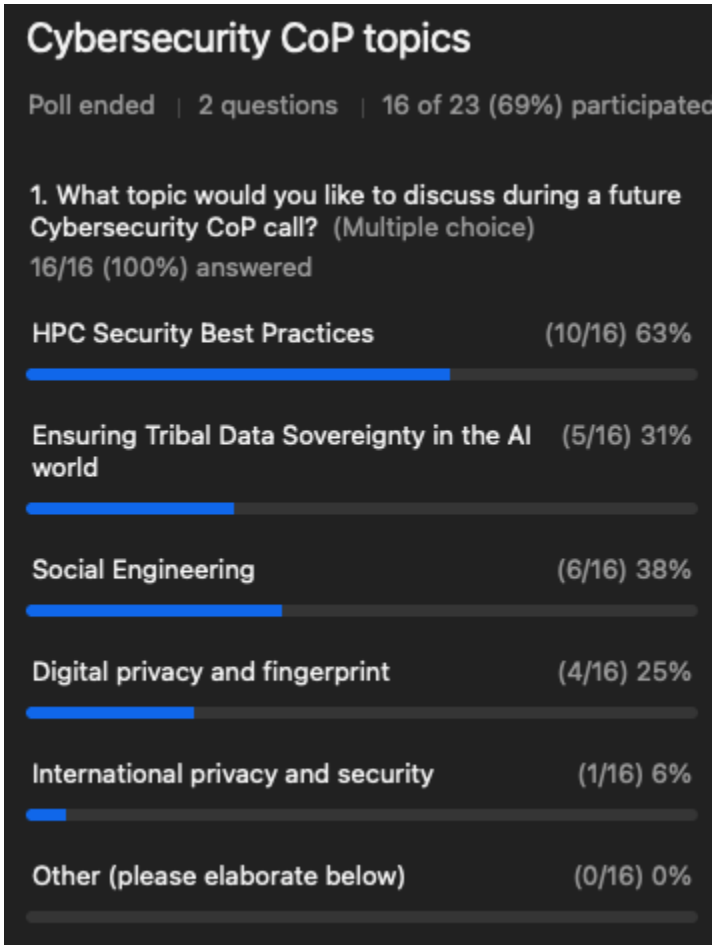
This new requirement may require adjustments to your current quotes.

Additionally, Broadcom has introduced penalties for end customers who have not renewed their subscription licenses (already in place) on the anniversary date.
These penalties represent **20% of the price of the first year** of subscription and will be applied retroactively.
We strongly encourage you to check the status of current fleets and commercial offers with your usual Arrow VMware By Broadcom sales contacts and to raise awareness among your customers so that they can proceed with the renewals referred to above by the penalties on time.

These new guidelines must be taken into account immediately to ensure compliance and continuity of our operations.

        -
        - https://www.educause.edu/higher-education-community-vendor-assessment-toolkit
        - https://internet2.edu/cloud/internet2-net-plus-services/cloud-scorecard/
            - https://cloud-scorecard.internet2.edu
    - Alternatives

        - Azure Virtual Desktop - level of complexity, more cost effective
            - Student use as well
        - Scale Computing - cost effective
        - Proxmox
        - cloud computing
            - Benefit for disaster recovery

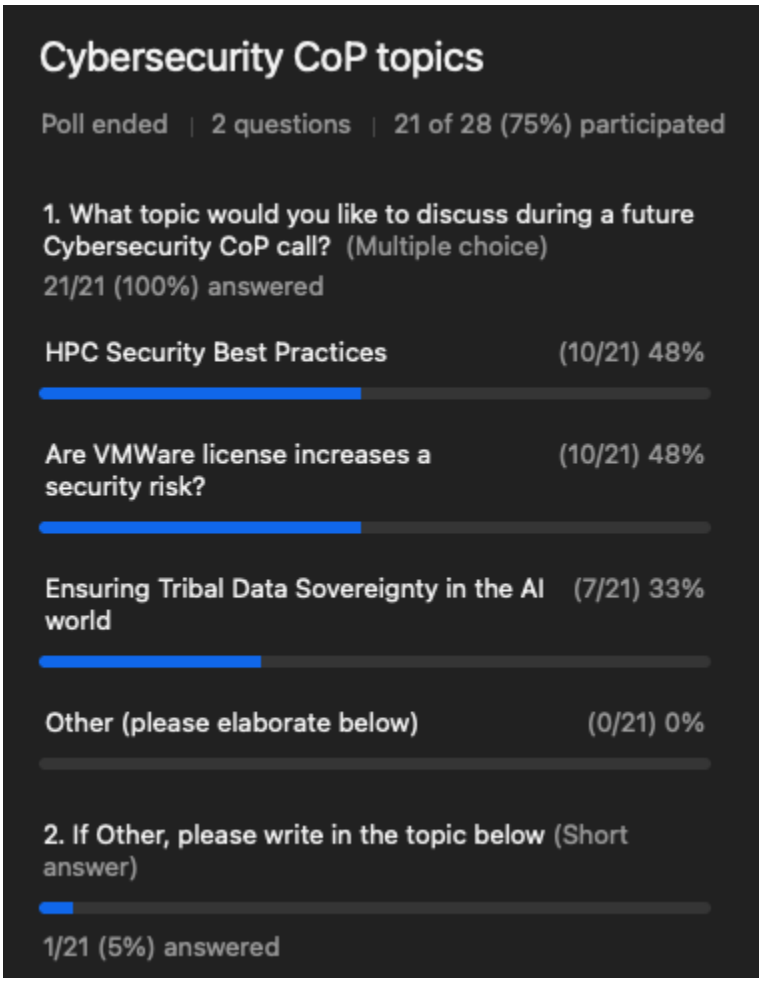


- Attendee Sign In
    - Participants Noted: 26
        - Jennifer Kim, I2
        - Jim Basney, Trusted CI
        - Stephen Bollinger - NCAT
        - Ramadan El Sharif (Wilberforce University)
        - DeShang Weaver (Oral Roberts University)
        - Ken Williams (Southern University at New Orleans)
        - Kelli Shute - Trusted CI
        - Matthew McCowan (Cankdeska Cikana Community College)
        - Steve Burrell (Northern Arizona University)
        - Vito Rocco (University of Nevada, Las Vegas)
        - Xunfei Jiang (California State University, Northridge)
        - Donna R. Hart (Chicago State University)

        - Al Anderson I2/MS-CC
        - Laura Larson (Salish Kootenai College)
        - Harold Heppner, Aaniiih Nakoda College
        - Terry Haygood, Jackson State University
        -

Mar 11, 2025

- Welcome & Chatham House Rule https://en.wikipedia.org/wiki/Chatham_House_Rule
- Introductions for newcomers & attendee sign in
- Announcements
    - Annual Meeting: https://ms-cc.org/2025-ms-cc-annual-meeting/
    - Recent events
- Start of discussion
    - Housekeeping
        - Please be advised that portions of this meeting may be recorded and may be publicly shared, including on platforms such as YouTube. By participating, you consent to the recording and its public dissemination
- Discussion
    - policy examples
        - https://techservices.illinois.edu/2024/12/12/zoom-ai-companion-features-and-foia-considerations/
        - policy prevents A.I. assistant use for many university meetings
        - block ai like otter in meetings per leadership request
        - depends on what information is being captured/shared
        - related to accessibility policy?
        - block otter.ai, evaluating read.ai
        - useful for students; don't block students
        - https://genai.illinois.edu/best-practice-ensure-data-privacy-for-learners-and-instructors/
    - zoom controls
        - waiting room
        - require captcha
            - Is captcha considered accessibility-friendly?
        - domain blocking - otter.ai, read.ai, etc. - settings - meeting - block specific domains
        - Zoom AI companion - enable/disable in Zoom settings
        - disable recording - retention policy - storage costs
        - require authentication to join
    - bots like otter.ai are aggressive about adding accounts, joining meetings
        - not easy to get rid of otter.ai - have to delete your entire otter.ai account?
        - copilot is easier to turn off/on; licensing level controls data leaks

    - Another interesting thing about these A.I. assistants, is that oftentimes it will self-identify in the meeting as “so-and-so’s virtual assistant”, which sometimes does not match anyone invited to the meeting.
    - example of legal request for records going back 10 years
        - Microsoft and Canvas support archiving
    - google and openai don't respect robots.txt
        - concern about making faculty/staff directly public
        - requirement to have information public on web site
        - abuse of faculty/staff/student contact information
    - 

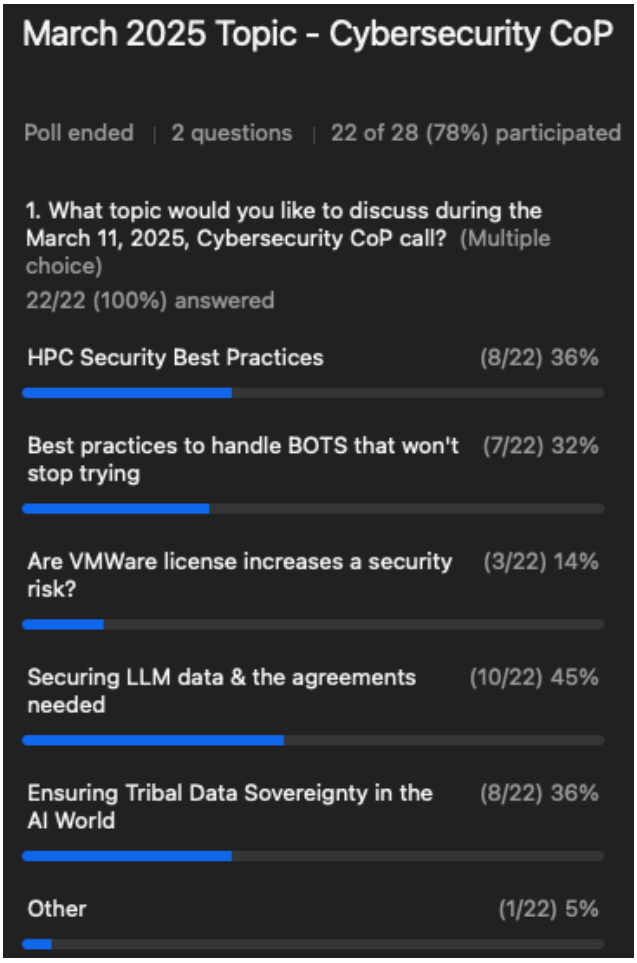
        - Dr. Ndidi Akuta - FVSU - VMWare
- Attendee Sign In
    - Participants Noted: 35
        - Jennifer Kim, I2
        - Jim Basney, Trusted CI
        - Stephen Bollinger - NCAT
        - Mark Van Pelt - UMES
        - Dameion Brown - Jackson State University
        - David Sliman - University of Southern Mississippi
        - Donna R. Hart-Chicago State University

        - Xunfei Jiang - California State University, Northridge
        - Matthew McCowan - Cankdeska Cikana Community College
        - Laura Larson- Salish Kootenai College
        - Al Anderson - I2/MS-CC
        - Sheridan McNeil - Tribal Partnerships Director ND EPSCoR/NDSU RCA
        - Kofi Jack - Virginia Union University
        - Dr. Ndidi Akuta - Fort Valley State University, CIO
        - Jessica Johnson - MS-CC
        - Abraham George, CIO, Tuskegee University
        - Phyllis D.K. Hildreth, CoS American Baptist College Nashville
        - DeShang Weaver - Oral Roberts University
        - Dr. Xiaohong Li - CTO, Taft College
        - Deanne Wesley- North Carolina Central University
        - Dr. Steven Onukwuli - Bishop State Community College
        - Cree Lett-Pears - Bishop State Community College
        - Solomon Thompson - Bishop State Community College
        - Marvin Ruggs - Bishop State Community College
        - Kerry Hixon - Spelman College
        - Summer Boyd - Jackson State University

Feb 11, 2025

- Welcome & Chatham House Rule https://en.wikipedia.org/wiki/Chatham_House_Rule
- Introductions for newcomers & attendee sign in
- Announcements
    - Annual Meeting: https://ms-cc.org/2025-ms-cc-annual-meeting/
    - Student internship: https://ms-cc.org/about-us/undergraduate-summer-research-internship/
- Start of discussion
    - Housekeeping
        - Please be advised that portions of this meeting may be recorded and may be publicly shared, including on platforms such as YouTube. By participating, you consent to the recording and its public dissemination
- Discussion
    - For those who may not have any experience with formulating a disaster recovery plan, how do you get started?
        - If you were working to create a comprehensive DRP on a campus, who did not yet have one, what would the ideal framework look like to you? Who would be the owner of the plan?

    - What other groups on campus should folks engage with during the process of formulating a plan?
        - Did you involve your Legal, Procurement, and operations leadership in your planning?
        - What is your state's emergency procurement policy/law?
        - Setting up emergency fund accounts with policy and procedures in advance for disaster recovery needs, along with emergency phone/contact trees.
    - Can you talk a little bit about instances where you did have to interface with other departments on campus and the importance of keeping those open lines of communication?
    - Are there external resources folks can utilize or should consider for different types of incidents? (i.e.: CISA, vendors, contractors)
- Resources
    - https://library.educause.edu/resources/2024/8/abstract-business-continuity-and-disaster-recovery-toolkit
    - https://www.cisa.gov/resources-tools/resources/free-cybersecurity-services-and-tools
    - https://www.ready.gov/business/emergency-plans
    - https://www.fema.gov/emergency-managers/national-preparedness/frameworks/recovery
    - https://www.clemson.edu/cusafety/emergency-management/
    - https://ccit.clemson.edu/services/security/incident-response/
    - https://www.famu.edu/administration/division-of-finance-and-administration/emergency-management/index.php
    - https://www.fema.gov/emergency-managers/national-preparedness/exercises/tools
    - https://www.fema.gov/emergency-managers/national-preparedness/exercises/tools#Game
    -
- March 2025 Poll

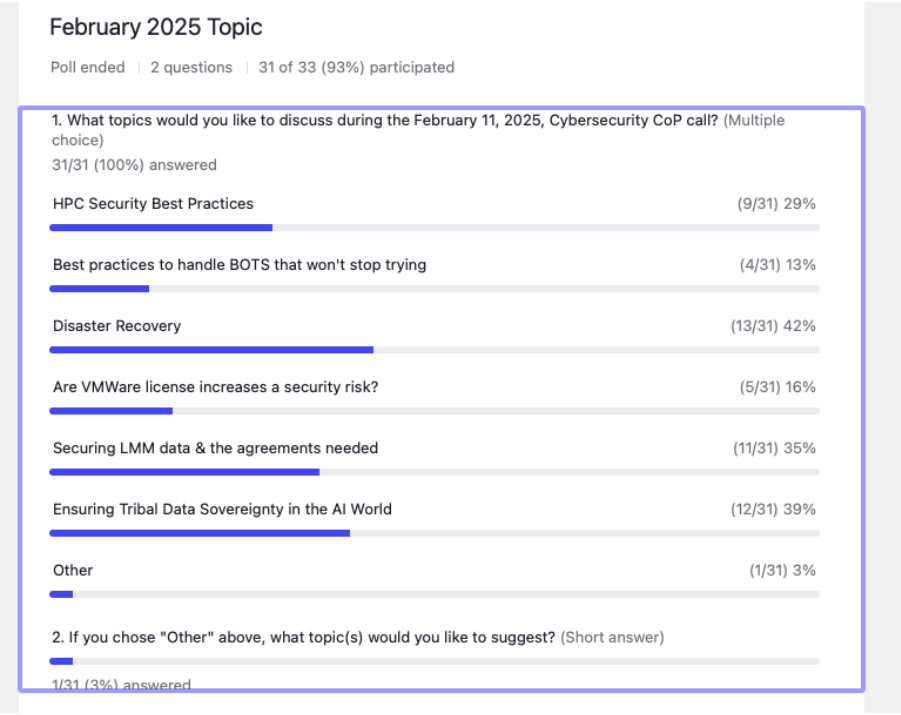


    - Volunteer for Securing LLM data & the agreements needed?
- Attendee Sign In
    - Participants Noted: 39
        - Jennifer Kim, I2
        - Jim Basney, Trusted CI
        - Stephen Bollinger - NCAT
        - Ashley Davis - FAMU
        - Summer Boyd - JSU
        - Jessica Johnson - MS-CC
        - Bharat S Rawal GSU
        - Matthew McCowan CCCC
        - Teni Agbesanwa, MS-CC
        - Uttam Ghosh - Meharry
        - Terry Haygood - Jackson State
        - Suxia Cui - PVAMU
        - Chasidie Tourtillott, CMN
        - Al Anderson, MS-CC
        - Alex Grandon, AIHEC
        - Shelly Knight, AIHEC

        - Bing Li
        - Bobby Clark
        - Cynthia Charles EdD / Huston-Tillotson U. Austin, TX
        - Chasidie Tourtillot, CMN-IT
        - Hong Jiang
        - Jaynal Pervez
        - Jenni Rae, Internet2
        - Jeremy Lewis
        - Jerry Waldron, MDREN
        - Jori Dale
        - Kerry Hixon
        - Lance Nichols
        - Laura Larson
        - Xunfei Jiang, CSUN
        - Maria Laurent-Rice, Stillman College
        - Ming Chiu, Dillard University
        - Najlaa Khudher
        - Ramadan El Sharif, Wilberforce University
        - Royal Lost His Blanket Stone Jr
        - Sonya Satterfield
        - Suzanna Gardner
        - syiyanna
        - Toya Acharya, Prairie View A&M
        - Beverly Wright
        - Brett Chambers
        - mount @ sfjazz
        - Ming Chiu. MSCC
        - Cynthia J. Charles, Ed.D., Director of Library Services, Huston-Tillotson University, Austin, TX, ccharles@htu.edu
        - Jose U. Toledo - Central State University

Jan 14, 2025

- Presentation, recording
- Welcome & Chatham House Rules
- Introductions for newcomers & attendee sign in
- Presentation: Introduction to Post-Quantum Cryptography - Peter Angelos, Fond du Lac Tribal & Community College
    - Housekeeping
        - Please be advised that portions of this meeting will be recorded and may be publicly shared, including on platforms such as YouTube. By participating, you consent to the recording and its public dissemination
- Discussion
    - Certificates Lifespan change?

        - There has not been much discussion as to the life-span of certificates
        - The decreasing life-span probably has a marketing aspect
    - Current Hardware and Software support of Post-Quantum Cryptography
        - Current equipment will support the new algorithms
    - Break the encryption with a SC
        - Article shared: https://www.zdnet.com/article/openssh-now-defaults-to-protecting-against-quantum-computer-attacks/
    - Post quantum cryptography curriculum masters program in development at a Louisiana institution
    - Both post quantum cryptography & AI challenge the encryption standards
        - Randomization is actually difficult to achieve and can be predicted
    - Standards for post quantum cryptography
        - NIST
            - Fips standard
        - Let's Get to Rumble shows the multiple groups doing the standards: https://csrc.nist.gov/CSRC/media/Presentations/Let-s-Get-Ready-to-Rumble-The-NIST-PQC-Competiti/images-media/PQCrypto-April2018_Moody.pdf
        - Key migration should have begun the past few years (SSH)
        - Adhere to the core tenets of cyber security as part of the application
- February 2025 Poll
    - Zero Trust as an additional future topic
    - 

- **2. If you chose "Other" above, what topic(s) would you like to suggest?** (Short answer)

  (1/31) 3% answered

  Anonymous

  Artifical Intelligence

-
- Attendee Sign In
  - Participants noted: 50
    - Jim Basney, Trusted CI
    - Emily Nichols, I2
    - Richard Alo, FAMU
    - Peter Angelos, Fond du Lac
    - Stephen Bollinger, NCAT
    - Summer Boyd, JSU
    - Maria Laurent-Rice, Stillman
    - David Lockett, Meharry SACS
    - Dameion Brown, JSU
    - Vito Rocco, UNLV
    - Kelli Shute, Trusted CI
    - Shane Bird, SKC
    - Harold Heppner, Aaniih Nakota
    - Al Anderson, MS-CC
    - Harold Ramcharan, Grambling State University
    - Leah Kraus, Retired, MS-CC CLB Secretary
    - Atma Sahu, Coppin State University Baltimore MD
    - Shelly Knight, AIHECd CIO,
    - Stacie Pretty On Top, SKC
    - Pushpita Chatterjee, Meharry Medical SACS
    - Rapier Saunders, Chicago State University
    - Matthew McCowan,Cankdeska Cikana Community College
    - Albert Williams, JSU
    - Alex Grandon, AIHEC
    - Alexia Jones, MS-CC
    - Bing Li, TSU
    - Carrie Ann Myers
    - Jennifer Kim, MS-CC
    - Mila Turner, Clark Atlanta University
    - Uttam Ghosh, SACS Meharry Medical College, TN, USA
    - Karen Asquith, UNLV
    - Kelley Keirnan, Defense Acquisition University
    - Kerry Hixon, Spelman
    - Lance Nichols, Alcorn State
    - Ming Chiu, Dillard
    - Naveed Zaman, JSU

        - Hong Jiang, Benedict College
        - Dodji Kuwonu, Meharry
        - Dr. Ndidi, Fort Valley State
        - Sheridan McNeil, North Dakota State University
        - Suxia Cui, Prairie View
        - Terry Haygood, JSU
        - Tomomi Imamura, University of Wisconsin-Madison
        - Vibhuti Gupta, Meharry Medical College, SACS
        - Xiao Chang, Tuskegee
        - Phone 516
        - Mount Allen, SF Jazz
        - Deanne Cranford, NCCU
        - Faith Onomeh, Stillman
        - Bharat Rawal, Grambling State
        - Phyllis Earles, Prairie View
        - Jaynal Pervez, University of Texas Health Science Center - San Antonio
        - Elva Jones, Winston-Salem State
        - Laura Larson, SKC
        - Darryl Jones, Winston-Salem State
        - Dr. Khairi, Jarvis
        - Sharon Golett, Southern University Shreveport

Dec 10, 2024

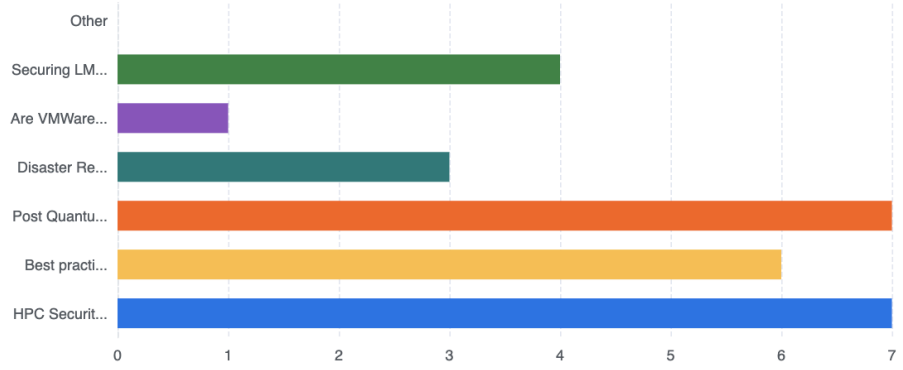
Agenda/Notes:

- Presentation, recording
- Welcome & Chatham House Rules
- Introductions for newcomers & attendee sign in
- Introducing Jori Dale
- Housekeeping
    - Please be advised that portions of this meeting will be recorded and may be publicly shared, including on platforms such as YouTube. By participating, you consent to the recording and its public dissemination.
- Presentation: Navigating Generative AI in Academic Research - Jori Dale, Prairie View A&M University jmdale@pvamu.edu
    - Mock Policy: https://acrobat.adobe.com/id/urn:aaid:sc:VA6C2:5bb56a40-3e23-4f81-9faf-695710d50363
    - Please consider taking our guest speaker's survey about your use of AI: https://pvamu.co1.qualtrics.com/jfe/form/SV_0wBpQ8Hu4w972VU
- Discussion
    - Policies & committees on AI in development at several institutions

        - https://www.minnstate.edu/system/asa/innovations/docs/minnesota-state-generative-ai-guidance.pdf
        - Include Academic Affairs in the conversation - protecting IP of graduate students
    - Tools for checking if AI is being used in student work
        - Zerogpt.com
        - Gptzero.me
        - Copyleaks.com
        - Even Grammarly has to be carefully used, can result in positives from AI detection tools, especially if it rewrites sentences for grammar corrections.
- January 2025 Poll
    - Jan 2025: Peter Angelos: Post quantum cryptography

1. What topics would you like to discuss during the January 14, 2025 Cybersecurity CoP call? (Multiple choice)

(17/17) 100% answered



Options	Responses
HPC Security Best Practices	7/17 (41%)
Best practices to handle BOTS that won't stop trying	6/17 (35%)
Post Quantum Cryptography - What it is & Why it's important	7/17 (41%)
Disaster Recovery	3/17 (18%)
Are VMWare license increases a security risk?	1/17 (6%)
Securing LMM data & the agreements needed	4/17 (24%)
Other	0/17 (0%)

2. If you chose "Other" above, what topic(s) would you like to suggest? (Short answer)

(1/17) 6% answered

Anonymous

Ensuring Tribal Data Sovereignty in the AI World

- Attendee Sign In
  - Participants noted: 34
    - Jori Dale, Prairie View A&M University
    - Emily Nichols, I2
    - Stephen Bollinger, NCAT
    - Jim Basney, Trusted CI
    - Bharat Rawal, Grambling State University
    - Sherry Carradine, Alcorn State University
    - Darian Quick, NCAT

- Maria Laurent-Rice Stillman College
- Leah Kraus, retired NCCU CIO, MS-CC CLB Secretary
- Mount Allen, SFJAZZ
- Camelia Kantor, Penn State University
- Dameion Brown, JSU
- Damian Rouson, Trusted CI
- Harold Ramcharan, Grambling State University
- Kelli Shute, Trusted CI
- Ken Williams, SUNO
- Ramadan El Sharif, Wilberforce University
- Stacie Pretty On Top, SKC
- Suzanna Gardner, Purdue
- Peter Angelos, FDLTCC
- Teni Agbensanwa, I2
- Kai Koong, Tuskegee University
- Ronald Smalling, Fort Valley State University
- Sheridan McNeil, Tribal Partnerships Director ND EPSCoR/North Dakota State University
- Darryl Jones, Winston-Salem State University
- Deanne Cranford-Wesey- North Carolina Central University
- Shelley Knight, AIHEC
- Royal Lost His Blanket Stone, Jr, Sinte Gleska
- Jerry Waldron, MDREN
- Sonya Satterfield, Alabama State University
- Faith Onomeh, Stillman College
- Karen Asquith, UNLV
- Kofi Jack, VUU
- Urban Wiggins, UMES
- Ndidi Akuta, Fort Valley State University
- Brett Chambers, NCCU
- Mae Stephens, Cheyney
- Maria Laurent-Rice

Nov 12, 2024

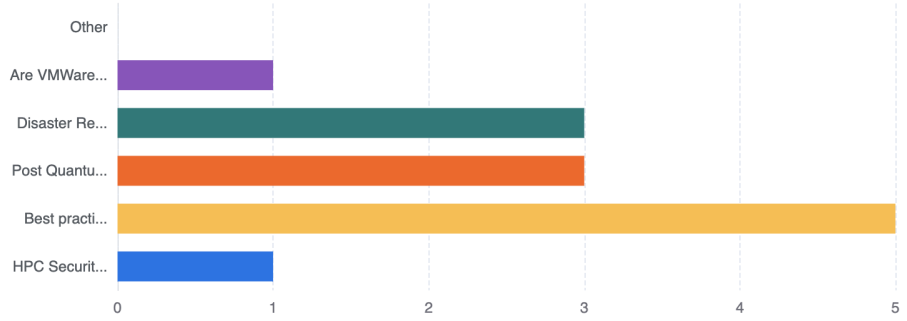
Agenda/Notes:

- Presentation, recording
- Welcome
- Introductions for newcomers & attendee sign in
- Housekeeping
    - Please be advised that portions of this meeting will be recorded and may be publicly shared, including on platforms such as YouTube. By participating, you consent to the recording and its public dissemination.
- Presentation Challenges & Solutions for AI Privacy - Dr. Bharat Rawal, Grambling State University
- Discussion
    - Privacy
    - Ethics
        - Where's the line between useful and preventative measures
            - Still to be determined, lots of development still to come
            - Quantum computing could help LMM move faster
    - Preventing data leakage in trained LMM with data encryption
        - Cryptography
    - Applicability of LLMs in GIS environment
        - AWS has a tool that can help with this
    - Large number models - determining what the largest number is we know of
        - Please give more info for finding large number such as prime numbers or Pi value etc..
            - Large number model still needs to be fully developed
    - Utilizing AI/LMM in the classroom
        - AI as a tool but not as a learning assessment
- December 2024 Poll

-

1. What topics would you like to discuss during the December 10th Cybersecurity CoP call? (Multiple choice)

(12/13) 92% answered



Options	Responses
HPC Security Best Practices	1/12 (8%)
Best practices to handle BOTS that won't stop trying.	5/12 (42%)
Post Quantum Cryptography - What it is & Why it's important	3/12 (25%)
Disaster Recovery	3/12 (25%)
Are VMWare license increases as a security risk	1/12 (8%)
Other	0/12 (0%)

Screenshot

- Attendee Sign In
  - Participant Count: 40
    - Jim Basney, Trusted CI
    - Stephen Bollinger, NCAT
    - Bharat Rawal, Grambling State
    - Emily Nichols, Internet2
    - Kamrul Hasan, Tennessee State University
    - Nancy Alvarez, Hampton University
    - Al Anderson, MS-CC
    - Kelli Shute, Trusted CI
    - Alex Grandon, AIHEC
    - Alexia Jones, MS-CC
    - Bing Li, Tennessee State University
    - Bobby Clark, Clemson
    - Camille Gibson, Prairie View
    - Damian Rouson, LBNL
    - David Lockett, Meharry SACS

- David Sliman, University of Southern Mississippi
- Jennie Rae, Internet2
- Lance Nichols, Alcorn State
- Nancy Alvarez, Hampton
- Maria Laurent-Rice, Stillman College
- Mumammad Irfan, Tuskegee
- Nehemiah Edison, Alabama A&M
- Ranjani Kulawardhana, Alabama A&M
- Tim Middelkoop, Internet2
- Thomas R Smith III
- Teni Agbesanwa, MS-CC
- Suzanna Gardner, Purdue
- Sherry Carradine, Alcorn State
- Shelly Knight, AIHEC
- Shavon Stewart, North Carolina A&T State University
- Royal Lost His Blanket Stone Jr, Sinte Gleska
- Prashanth Reddy, University of North Carolina Pembroke
- Hong Jiang, Benedict College
- Faith Onomeh, Stillman
- Jeremy Bennett, Leech Lake Tribal College
- Kofi Jack, VUU
- Feseha Abebe-Akele, Elizabeth City State University
- Karen Asquith, UNLV
- Rapier Saunders, Chicago State
- Atma Sahu, Coppin State
- Ken Williams, SUNO
- Nizar Alsharari, JSU
- Kevin Thompson, NSF
- Maria Laurent-Rice

Oct 8, 2024

Agenda/Notes:

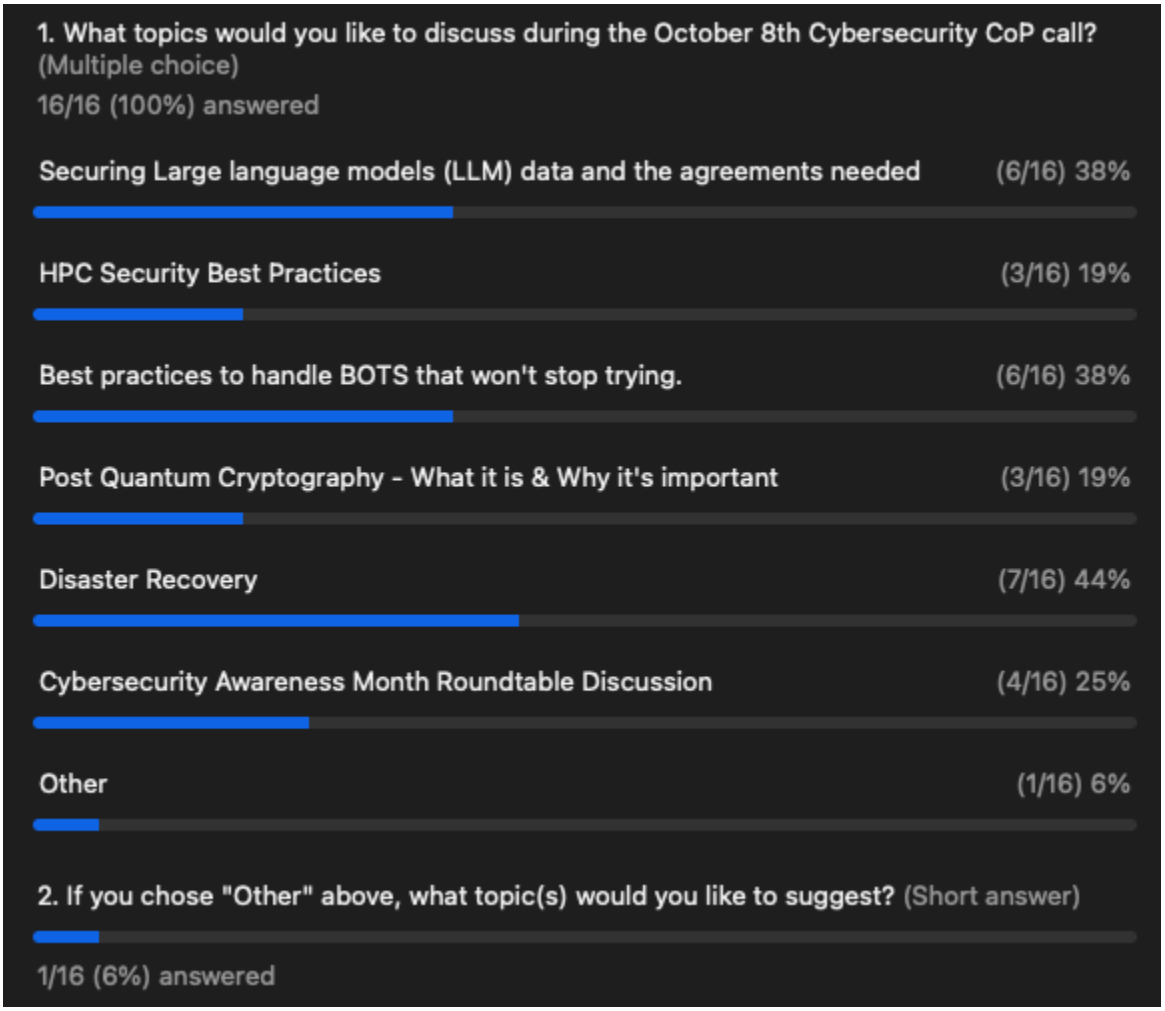
- Presentation, Recording
- Welcome
- MS-CC Overview
- Trusted CI Overview
- MS-CC Cybersecurity CoP
- Discussion
    - LMM topic volunteers in the room (Bharat Rawal)
    - Cybersecurity for research data - Leah K suggestion
        - Tribal sovereignty
        - Zero trust in research
    - NIST RDaF Research Data Framework model - Peter A suggestion
    - NIST SP 800-23 https://csrc.nist.gov/pubs/sp/800/223/final
    - Compliance & privacy
    - Trusted CI framework
    - CMMC: Cybersecurity Maturity Model Certification
        - It's from the Department of Defense. It's very close to NIST 800-171
        - Regulated Research Practice webinars on CMMC: https://www.regulatedresearch.org/monthly-webinars
    - Bring a buddy to next CoP: CIO/CTO/VPR, student
    - AI Community of Practice
    - Human centered cybersecurity

- Attendee Sign In
    - Participant Count: 41 + 7 in the room (MS-CC + Southern Maine)
        - Jim Basney, Trusted CI
        - Stephen Bollinger, NCAT
        - Leah Kraus
        - Maria Laurent-Rice
        - Cynthia Charles, Huston-Tillotson
        - Naveed Zaman
        - Tim Middelkoop, Internet2
        - Alex Pacheco
        - Carrie Ann Myers
        - Karen Asquith, UNLV
        - Ming Chiu, Dillard
        - Jerry Waldron, MDREN
        - Al Anderson, Internet2
        - Jennifer Kim, Internet2
        - Larry Long, Internet2

- Atma Sahu
- John Norris, Johnson C Smith
- Lance Nichols
- Terry Haygood, JSU, terry.haygood@jsums.edu
- Mark Van Pelt
- Mount Allen, SF Jazz
- Ana Hunsinger, Internet2
- Jeremy Lewis
- Peter Angelos, FDLTCC peter.angelos@fdltcc.edu
- CMU Media
- David Heidorn, University of Utah
- David Richardson, University of Utah (david.richardson@utah.edu)
- Jeremy Henry
- Azubike Okpalaeze
- Shannon ganz
- Julio Cardenas
- Tej V Singh - UCLA
- Gary Rogers - NICS/Univ of Tennessee, Knoxville (grogers3@utk.edu)
- Aditya Pingale
- Tim Kelly,
- JP
- Joe Emanuel - University of Missouri Columbia
- Albert WIlliams
- Andrew Schiren
- Beverly Wright, Morehouse School of Medicine (bpwright@msm.edu)
- Kevin Walsh, New Jersey Institute of Technology (walsh@njit.edu)

Sep 10, 2024

Agenda/Notes:

- Welcome
- Introductions for newcomers & attendee sign in
- Bringing Researchers & IT together for Cybersecurity: Dr. Francis Tuluri (JSU), JSU IT (Dameion Brown, Terry Haygood, Summer Boyd)
- Discussion
    - Keeping IoT devices separate
    - Keeping ongoing dialogue with IT
    - Role of AI in the cybersecurity field
        - Intellectual Property concerns
- Oct 2024 Topic Poll
    - 

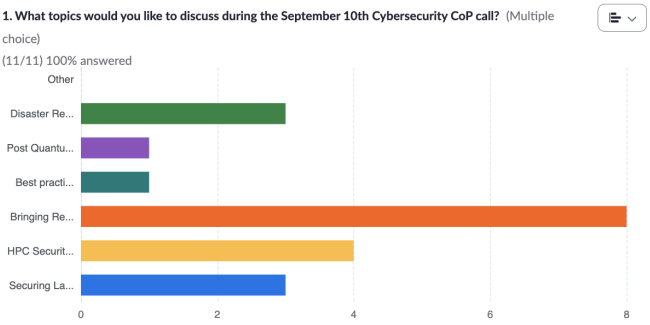
- Attendee Sign In
    - Participant Count: 37
    - Jennifer Kim, MS-CC
    - Jim Basney, TrustedCI

- Dameion Brown, JSU
- Francis Tuluri, JSU
- Terry Haygood, JSU
- Summer Boyd, JSU
- Peter Angelos, FDLTCC
- Cynthia Charles, Huston-Tillotson University
- Al Anderson, MS-CC
- Kevin Harris - Stillman College
- Hong Jiang - Benedict College
- Sean Peisert, Trusted CI
- Kelli Shute - Trusted CI
- Francis Tuluri - Jackson State University
- Stacie Pretty On Top - Salish Kootenai College
- Elva Jones, Winston-Salem State University
- Leon Geter
- Matthew McCowan
- Alex Grandon
- Alexia Jones
- Jaynal Pervez
- Jenni Rae
- Jerry Waldron
- Mark Van Pelte
- Ming Chiu
- Rae Quadara
- Steve Burrell - Northern Arizona University
- Ming Chiu - Dillard University
- Laura Larson - Salish Kootenai College
- Karen Asquith
- Lei Qian
-

Aug 13, 2024

Agenda/Notes:

- Welcome
- Announcement: The White House Office of Science and Technology Policy (OSTP) issued an important memo establishing guidelines for research security programs, including cybersecurity, foreign travel security, research security training and export control training
    - COGR released a summary and analysis of the guidelines
- Introductions for newcomers & attendee sign in
- CrowdStrike - Open Conversation about Experiences & Lessons Learned (presentation)
- Discussion
    - Business continuity plans (built & communicated in advance of crisis situations)
        - Led by the business unit with IT facilitating
        - Users (faculty) committee & IT committee - bringing together for discussions
        - Relationship management across units on campus - governance
    - Resiliency/redundancy
    - Communications planning
    - Cost of solutions vs cost of disaster recovery - how to balance
- Sept 2024 topic poll
    -



Options	Responses
Securing Large language models (LLM) data and the agreements needed	3/11 (27%)
HPC Security Best Practices	4/11 (36%)
Bringing Researchers & IT Together for Cybersecurity	8/11 (73%)
Best practices to handle BOTS that won't stop trying.	1/11 (9%)
Post Quantum Cryptography - What it is & Why it's important	1/11 (9%)
Disaster Recovery	3/11 (27%)
Other	0/11 (0%)

- Attendee Sign in
    - Participants noted: 32
    - Emily Nichols, Internet2
    - Stephen Bollinger, NCAT
    - Jim Basney, TrustedCI
    - Leah Krauss, CLB
    - Widodo Samyono, Jarvis Christian University
    - Jennifer Kim, Internet2
    - Kevin Harris, Stillman
    - Teni Agbesanwa, Internet2
    - Xunfei Jiang, Cal State Northridge
    - Jerry Waldron, MDREN
    - Camelia Kantor, Penn State University
    - Royal Lost His Blanket, Sinte Gleska University
    - Zack Hillbruner, Cal State Northridge
    - Al Anderson, Internet2
    - Karen Asquith, UNLV
    - Nancy Alvarez, Hampton University
    - Brett Chambers, NCCU
    - Steve Burrell, Northern Arizona University
    - Lisa Lang, LeMoyne-Owen College
    - Jerry Howard, Alcorn State University
    - Alex Grandon, AIHEC
    - Ana Hunsinger, Internet2
    - iPhone
    - Stacie Pretty on Top, SKC
    - Tamer Nadeem, Virginia Commonwealth University
    - Jeannette Jackson, University of Michigan
    - Rapier Saunders, Chicago State University
    - Laura Larson, SKC
    - Mount Allen, SF Jazz
    - Bharat Rawal, Grambling State
    - Lydia Ojarikre, Tuskegee University
    - Harold Heppner, Aaniiih Nakoda College
    - Toya Acharya, Prairie View A&M University
    - Dameion Brown, JSU

Jul 9, 2024

Agenda/Notes:

- Welcome
- Introductions for newcomers & attendee sign in
- Virtual Private Networks - Dameion Brown, JSU (presentation, recording)
    - General overview, business use cases & continuity, security & privacy considerations
- Discussion
    - Man in the middle attacks
        - Map out likely scenarios to prevent
        - Deep technology stack on the network
    - Personal VPNs
        - Dashlane
        - NordVPN
        - MSPs can provide a VPN as well
        - Antivirus SW frequently have it integrated
    - Use own VPN or university provided VPN
    - Frustrations with VPN service providers
        - Enterprise VPN is costly
            - Additional pricing for additional add ons (e.g., MFA)
        - Vendor is not accountable/liable for any breach
        - Static accounts (e.g., test accounts) need continual password changes - major vulnerability for breaches
        - Stay on top of vulnerability patches
- August 2024 topic poll



August 2024 Topic

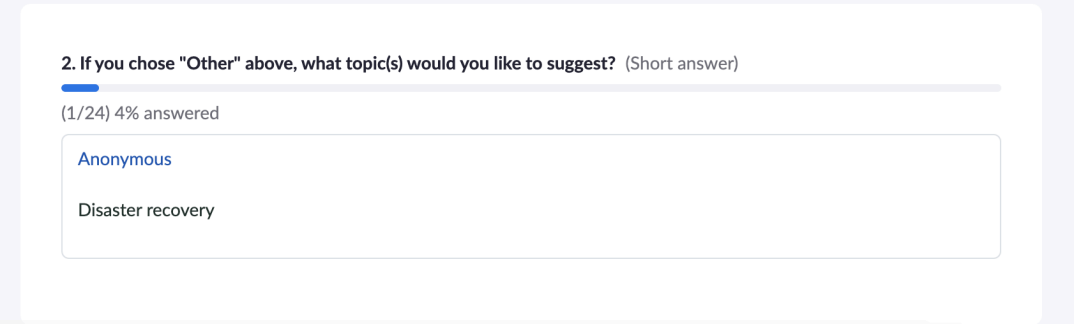
Poll ended | 2 questions | 24 of 32 (75%) participated

1. What topics would you like to discuss during the July 9th Cybersecurity CoP call? (Multiple choice)
24/24 (100%) answered

Securing Large language models (LLM) data and the agreements needed	(8/24) 33%
More about Security & AI	(13/24) 54%
HPC Security Best Practices	(6/24) 25%
Bringing Researchers & IT Together for Cybersecurity	(9/24) 38%
Best practices to handle BOTS that won't stop trying.	(2/24) 8%
Post Quantum Cryptography - What it is & Why it's important	(5/24) 21%
Other	(0/24) 0%

2. If you chose "Other" above, what topic(s) would you like to suggest? (Short answer)
1/24 (4%) answered

View details



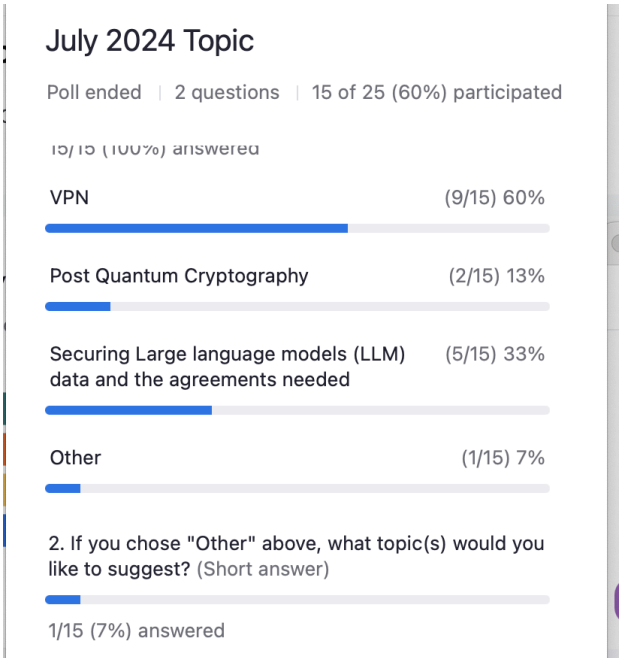
- Attendee Sign in
    - Participants noted: 37
    - Stephen Bollinger, NCAT
    - Dameion Jackson, JSU
    - Lee Slater, SKC
    - Atma Sahu, Coppin State University
    - Richard Alo, FAMU
    - Jeremy Lewis,
    - Kevin Harris - Stillman College
    - Aaron Moore, JSU
    - Kelli Shute, Trusted CI
    - Aaron Moore, JSU
    - Corey Westbrooks, Alcorn State University
    - Damien Stacker
    - David Lockett, Meharry
    - Deanne Cranford, NCCU
    - Matthew McCowan, Cankdeska Cikana Community College
    - Damian Rousan, Berkeley National Lab
    - Erick McGhee, University of Tennessee - Knoxville
    - Chris Kinkaid, University of Redlands
    - Gary Rogers, University of Tennessee - Knoxville
    - Harold Heppner, Aaniih Nakoda
    - Jennifer Rae, I2
    - Jerry Waldron, MDREN
    - Jerry Howard, Alcorn State University
    - Kevin Harris, Stillman
    - Bharat Rawal, Grambling State
    - Terry Haygood, JSU
    - Semaj Braddock, VUU
    - Suzanna Gardner, Purdue
    - Suxia Cui, Prairie View A&M
    - Shavon Daise, VUU
    - Ming Chiu, Dillard
    - Leah Kraus
    - Laura Larson, SKC

- Lance Nichols
- Kofi Jack, VUU
- Kim Day, Alcorn State University
- Mount Allen, SF Jazz
- Harold Ramcharan, Grambling State University
- Deshon Miguel, ASU
- Michael Heard, University of Oklahoma
- Brett Chambers, NCCU

Jun 11, 2024

Agenda/Notes:

- Welcome
- Introductions for newcomers & attendee sign in
- Multi-factor Authentication - Gregory Jones and Mable Moore, Xavier University (presentation, additional resources, recording)
- Discussion
    - Tools change quickly & frequently
    - CARES funding invested in cybersecurity
        - People & resources necessary
        - 24x7 monitoring, endpoint protection, alert mechanisms
        - Growing cybersecurity budgets
    - Balance: passwordless and password enabled
        - Dependent upon the application/system
    - Cybersecurity Training: outside vendors vs leveraging HE LMS
        - Biggest threat: phishing, vishing, smishing email scams (recognize, report internal & external)
            - Regular change/updates to the training
            - Regular touchpoints/reminders on cybersecurity training opportunities
    - Communications
        - Paramount for when things are changed/updated/modified
    - Desk/landline phones shifting to cloud meeting spaces
        - Phasing out traditional “phone calls” - shift to online collaboration/communications tools
        - VoIP vs cloud. Cloud tools allow recording options
- July 2024 topic poll

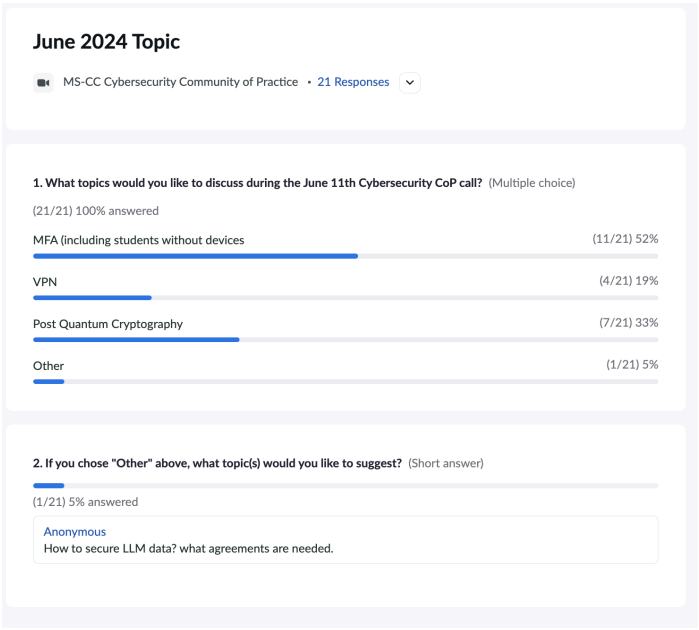
- 

    - Write in: Best practices to handle BOTS that won't stop trying.
- Attendee Sign in
    - Participants noted: 32
    - Emily Nichols, Internet2
    - Mable Moore, Xavier
    - Greg Jones, Xavier
    - Jim Basney, Trusted CI
    - Summer Boyd, JSU
    - Casey Forrest, UNC Greensboro
    - Joey Brenn, Claflin
    - Leah Krauss, MS-CC Secretary
    - Sean Peisert, Trusted CI
    - Kelli Shute, Trusted CI
    - Peter Angelos, FDLTCC
    - Leslie Jones, MS-CC
    - Terry Haygood, JSU
    - Dameion Brown, JSU
    - David Lockett, Meharry
    - Tomomi Imamura, University of Wisconsin-Madison
    - Donna Heath, UNC Greensboro
    - Edith Orozco, St. Philip’s College
    - Glenn Harbin
    - Kofi Jack, VUU
    - Laura Larson, SKC
    - Naveed Zaman, West Virginia State University
    - Peter Angelos, Fond du Lac
    - Suzanna Gardner, Purdue

- Teni Agbesanwa, Internet2
- Dr. Atma Sahu, Coppin State University
- Michael Heard, University of Oklahoma
- Harold Ramcharan, Grambling State University
- Stephen Bollinger, NCAT
- Dawn Eastmond, Bethune-Cookman University
- Jennifer Kim, MS-CC
- Harold Heppner, Aaniih Nakoda College
- Terrence Wilson, Prairie View
- Phuong Cao, University of Illinois - Urbana-Champaign

May 14, 2024

Agenda/Notes:

- Welcome
    - Last day to register for the Annual Meeting (May 29-31) is tomorrow!
    - https://ms-cc.org/2024-ms-cc-annual-meeting/
    - This is a friendly reminder that CI Plan Community of Practice is next Tuesday from 2-3 pm ET via Zoom. **Please review these CI templates** and bring your questions to this month's meeting, where we will discuss *Cybersecurity and Network Infrastructure Details to Include in CI Plans.*
- Introductions for newcomers & attendee sign in
- "A Brief History of Modern AI and why Local AI Matters" - John Fink (Digital Scholarship Librarian at McMaster University) (presentation, recording)
- Discussion
    - How to secure the data
        - Treat as typical business data that utilizes the cloud
            - How does the vendor secure the data? Ask the vendors how they do this, particularly as it relates to state/local rules
        - Audit of data transparency
        - Trust in vendor vs local
        - Vendors want to harvest the data for training purposes (can be excluded as part of the contract)
        - Pass IRB tests?
    - Actionable capability for HBCUs, TCUs
- June 2024 topic poll
    - 

- Attendee Sign In

- Participants noted: 41
- John Fink - McMaster University
- Jim Basney - Trusted CI
- Stephen Bollinger - NCAT
- Bharat Rawal - Grambling State
- Emily Nichols - I2
- Alexia Jones - I2
- Dameion Brown - Jackson State University
- John Dudley - UNLV
- Sean Peisert - Trusted CI
- Teni Agbesanwa - I2
- Kelli Shute - TrustedCI
- Mark Van Pelt - UMES
- Leslie Jones - I2
- David Johnston - Mendocino College
- Jerry Waldron - MDREN
- Kevin Harris - Stillman
- Jennifer Kim - I2
- Teni Agbesanwa - MS-CC
- Richard Long - FAMU
- Deshon Miguel - ASU
- Hong Jiang - Benedict College
- Leah Kraus
- Mount Allen - SFJAZZ
- Patrick Schmitz - I2
- Sanju Timsina - Georgia State University
- Ming Chiu - Dillard
- Suzanna Gardner - Purdue
- Ovigueroye Lydia Ojarikre - Tuskegee University
- Deanne Wesley - NCCU
- Dondi Lawrence - Merced
- Laura Larson - SKC
- Leon Geter - Benedict
- Harold Ramcharan - Grambling State University
- Steve Burrell - NAU
- Harsha Hampapura - UCAR
- Lisa Warren - NCAT
- Ken Williams - SUNO
- Kofi Jack - VUU
- Terry Haygood - JSU
- Joey Brenn - Claflin
- Bobby Clark - Clemson
- Donna Hayden - Alcorn State University
- Harold Heppner - Aaniih Nakoda College

Apr 9, 2024

Agenda/Notes:

- Welcome
- Introductions for newcomers & attendee sign in
- Phishing attacks - Dr. Bharat Rawal (slides)
- Discussion
    - Use of AI, much more available/accessible for misuse
        - MSFT & Nvidia massive fast super computer that can look for AI enabled devices
        - Broader application and ability to do on-device AI, even on portable (phones, etc.)
    - Reiteration of call, “don’t click” guidance
        - Does hygiene protocols need to be re-examined now that AI is getting better? - whitelisting practices continually need to be reviewed
        - Zero trust
    - Phishing simulations - can personalize the messages to make it harder to beat the system amongst employees/staff
    - It might be helpful as a community to define a recommended set of rules to start with or meet as we attempt to educate about these enhanced threats.
    - With the advent of modern Machine Learning, I am starting to think we shouldn't use e-mail for internal communication. After all, the e-mail protocols are from the 70's and not hardened. Most groups have alternate channels of internal communication.
- May 2024 topic poll
    - AI in Academia
- Attendee Sign In
    - Participants noted: 34
        - Bharat Rawal (Grambling State University)
        - Emily Nichols (Internet2)
        - Jim Basney (Trusted CI @ UIUC)
        - Stephen Bollinger (NCAT)
        - Joey Brenn (Claflin)
        - Alex Grandon (AIHEC)
        - Leah Kraus (former NCCU CIO)
        - Teni Agbesanwa (Internet2)
        - Jennifer Kim (Internet2)
        - Ming Chiu (Dillard)
        - Bobby Clark (Clemson)
        - Erica Mayfield (Grambling State University)
        - Mark Van Pelt (UMES)
        - Ken Williams (SUNO)
        - Tomomi Imamura (University of Wisconsin-Madison)

- Ed Wisdom (Meharry Medical College)
- Dameion Brown (JSU)
- Rae Quadara (Internet2)
- Marisha Towner (Fort Valley State University)
- Matthew McCowan (Cankdeska Cikana Community College)
- Vito Rocco (UNLV)
- Conrad Begay (Navajo Tech University)
- Harold Heppner (Aaniih Nakoda College)
- Jerry Waldron (MDREN)
- Sajid Hussain (Fisk University)
- Neil Myers (College of the Muscogee Nation)
- Suzanna Gardner (Purdue)
- Alecia Anderton-Georgie (Shaw University)
- Phillip Wallace (UNCF)
- Josiah Dosunmu (JSU)
- David Moses (Benedict)
- Steve Burrell (NAU)
- LaWanda Buggs
- Stacy Cahill (UMBC)
- Quinton Pettaway (Bishop State Community College)
- Leslie Jones (Internet2)
- Peter Angelos (Fond du Lac)
- Deanne Cranford-Wesley (NCCU)
- Suxia Cui (Prairie View)
- Bing Li (Tennessee State)

Mar 12, 2024

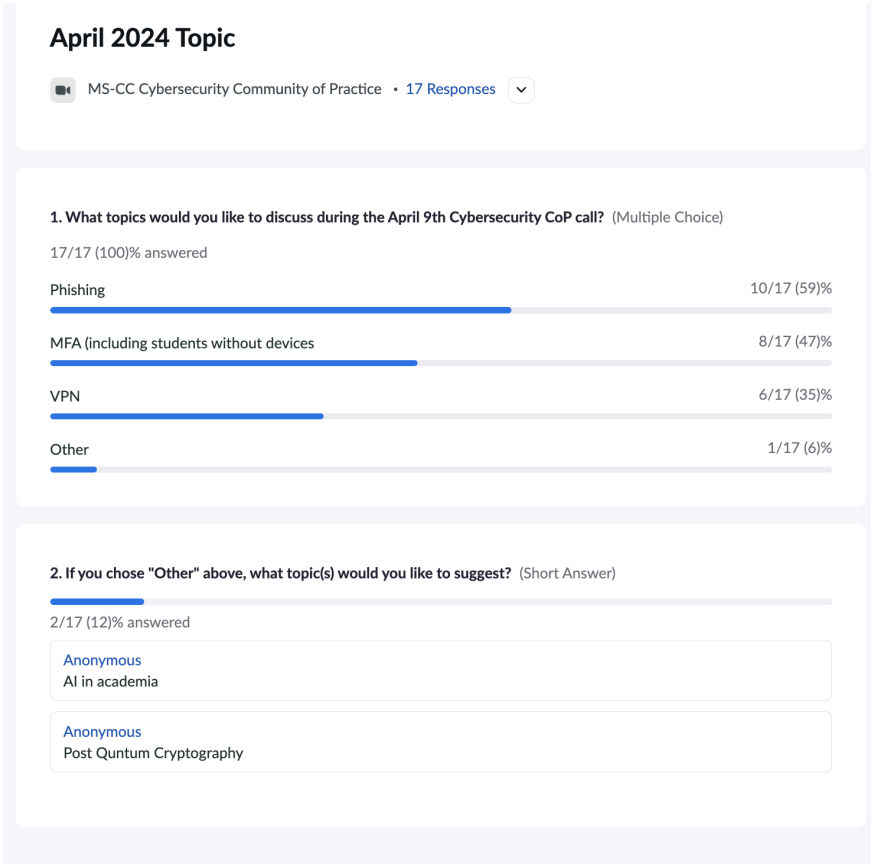
Agenda/Notes:

- Welcome
- Introductions for newcomers & attendee sign in
- Penetration Testing - Dameion Brown (JSU), George Bailey (cyberTAP at Purdue)
    a. JSU GLBA presentation, GLBA Compliance presentation
    b. What it is, why it's important (requirements)
        i. Governing bodies, regulations compliance
            - Local, state, federal
            - GLBA (Fed)
            - Comprehensive (state)
            - NIST CMMC certification - firewall
        ii. Insurance requirements
        iii. Internal penetration testing program - audit regularly
        iv. Penetration testing - what it is
            - Marketplace - it's ambiguous within the marketplace
                - Vulnerability exploitation scans NOT full penetration testing
                - May not include mitigation strategies
            - Automatic & human exploitation attempts of environment
            - Assessment - application,
                - Disclose information shouldn't have, or maneuver within application in way not intended
            - Defining the things that want tested vs things don't want tested
                - Exploit the environment (can include services that could be mission critical)
            - Black Box - no info provided
            - Gray Box - IP address plus some details on the environment (not necessarily public information but provides context)
                - Helpful for insider threat risk
            - White Box - everything in play (authentication required, documentation, schemas, IAM)
        v. Finding resiliency and a resilient posture
    c. How to select someone to help, scoping, technology
        i. People + Process before Technology
        ii. Efficiency as work towards remediation
        iii. Test as long as have budget (recognize a good chunk will go to the report, debrief, finding)
            - Include human testing
            - Determine how much automated testing vs human testing
            - Define needs within SoW
        iv. Procurement processes (include the procurement team and their processes)

v. Risk management
vi. Scoping:
    - Seek team's input
    - Look at last incident to see what went wrong
    - Tabletop exercises
    - Black & gray box mix
    - Multiple providers over multiple years - mix it up, so not always the same with a rinse & repeat mentality
    - Choose providers that are strong in the particular type of pen testing wanting to do (HW, network, apps, environment, etc.)
vii. Include incident response team to see if they see what's happening
viii. Technology
    - Many States and RENs (Research and Education Network) have services and starter products like this — check with your connections.
ix. Zero Trust: confidence in underlying architecture

d. Rules of engagement, communications channels needed
    i. Rules of Engagement
        - How test (physical vs remote)
        - Timing (not to adversely affect business)
        - Red, blue, white, purple teaming
        - NDAs
    ii. Communication channels
        - Alert incident response team in advance - might need to be on call 24/7
        - Secure (encrypted) messaging between institution and consultant
e. Resources
f. If there is anyone interested in joining the Cybersecurity Security Maturity Certification (CMMC) academic advisory board please let me know. I am asked to recommend other academic organizations to join the body. https://cyberab.org/Catalog#!/c/s/Results/Format/list/Page/1/Size/9/Sort/NameAscending

- April 2024 topic poll

a. 

   i. Dr. Rawal to help with April

- Attendee Sign In
  a. Participants noted: 41
     i. George Bailey (Purdue)
     ii. Bobby Clark (Clemson)
     iii. Jim Basney (Trusted CI / University of Illinois)
     iv. Suzanna Gardner (Purdue)
     v. Emily Nichols (Internet2)
     vi. Stephen Bollinger (NCAT)
     vii. Bharat Rawal (Grambling State)
     viii. Peter Angelos (Fond du Lac Community College)
     ix. Ken Williams (SUNO)
     x. Lee Slater (SKC)
     xi. Scott B
     xii. Camelia Kantor (Penn State)
     xiii. Suranga Edirisinghe (Georgia State University)
     xiv. Jennifer Kim (Internet2)
     xv. Vito Rocco (UNLV)
     xvi. Rob Quick (Indiana University)
     xvii. Patrick Schmitz / Semper Cogito
     xviii. David Sliman (University of Southern Mississippi)
     xix. Michel Davidoff (Nile Secure,)

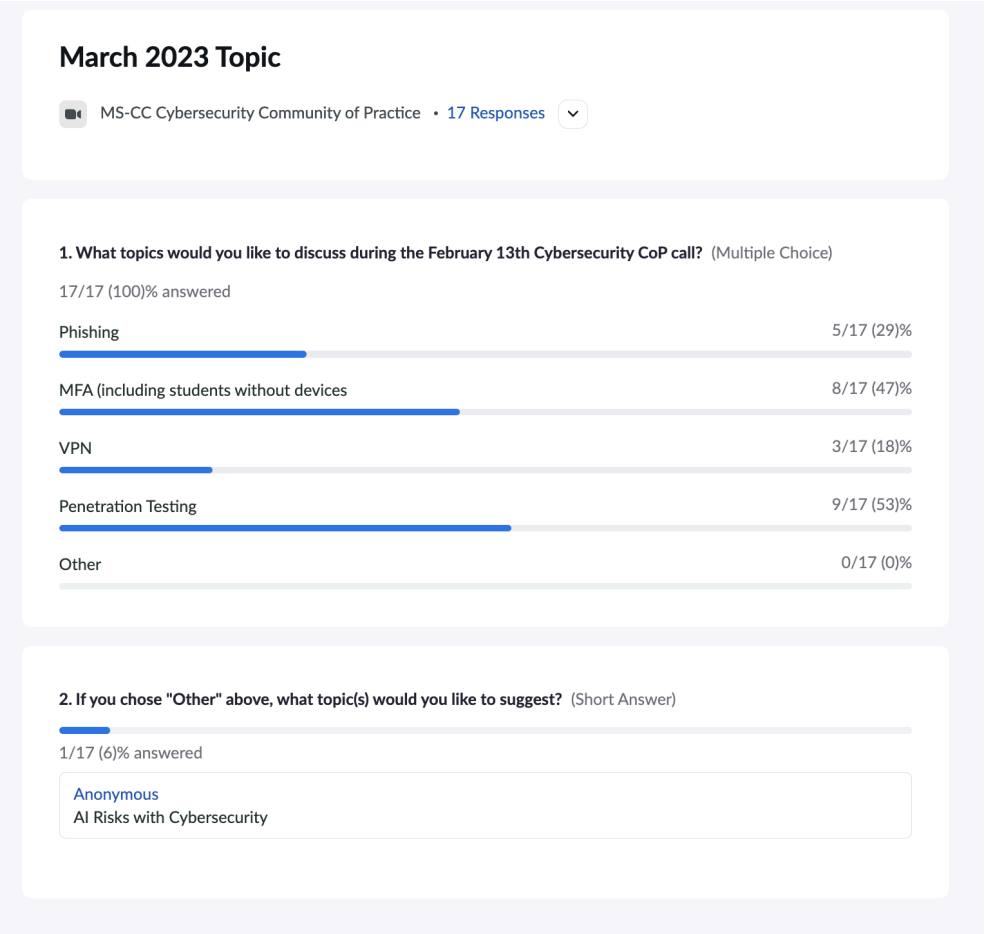
xx. Tim Warren (Tn State)
xxi. Kelli Shute (Trusted CI and Indiana University)
xxii. Sanju Timsina(Georgia State University)
xxiii. Stacie Pretty On Top (Salish Kootenai College)
xxiv. Laura Larson (Salish Kootenai College)
xxv. Terry Haygood (Jackson State University)
xxvi. Joey Brenn (Claflin)
xxvii. Chris Childress
xxviii. Deb Dent (JSU)
xxix. Dr. Deborah Darby (SUNO)
xxx. Mark Van Pelt (UMES)
xxxi. Ming Chiu (Dillard)
xxxii. Steve Burrell (NAU)
xxxiii. Teni Agbensanwa (Internet2)
xxxiv. WRandall
xxxv. Damian Rouson
xxxvi. Donna Hayden (Alcorn State University)
xxxvii. Mount Allen (Fresno State/SF Jazz)
xxxviii. Kevin Harris (Stillman)
xxxix. Anthony Caldwell (Benedict)
xl. Harold Ramcharan
xli. Marisha Towner (Fort Valley State)
xlii. Rob

Feb 13, 2024

Agenda/Notes:

- Welcome
- Introductions for newcomers & attendee sign in
- How to handle federally regulated research data: Regulated Research Community (Carolyn Ellis) (presentation, resources, recording)
- Discussion
    a. Do you have any documents that help schools map from ISO standards to NIST or CMMC?
        i. https://www.regulatedresearch.org/resources/tools-templates
        ii. GLBA
        iii. NIST ISO 800171
        iv. Post Meeting References:
            - https://nist-800-171.certification-requirements.com/appendixdassessmentmethoddescriptions.html
    b. Advocacy & Terminology
        i. Grid of various partners & research groups that need various tools to move things along; “How to provide what the various groups need to be successful - including us”
            - Need of tools & templates
            - Understand how to apply different use cases - what’s the roadmap for different trainings
            - Provide detail on what the problem set is: need to find a way to better articulate what the problem is
    c. Securing research labs
        i. Assessors didn’t know what to really expect from the lab - need to build controls around the actual space where the research is being conducted bc it can be a big, wide open space with multiple activities happening within it
    d. Backing up/proving what doing wrt NIST 800171 for collaboration with other universities
        i. Gap assessment
        ii. Upload to a .gov website
        iii. Exercise of doing a gap analysis done with the CoP?
        iv. Peer assessment matchmaking services within the Regulated Research Community? Would love this
            - How to share it more broadly with the larger community
    e. Need to understand where the sustainability and resources are for expanding long-term research capabilities
    f. Exercise of doing a gap analysis done with the CoP? 800-171
        i. Virtual Workshop with breakout rooms
            - There is an EDUCAUSE community group dedicated to 800-171.

g. Advocacy and interacting with the influencers (trade assoc, gov)
    i. Raising awareness of Regulated Research Community with influencers
    ii. https://cyberab.org/About-Us/Advisory-Groups <-- academic advisory council
h. Continue to keep contact with Regulated Research Community
    i. Determining where the community need is

- March 2024 topic poll
    a. 

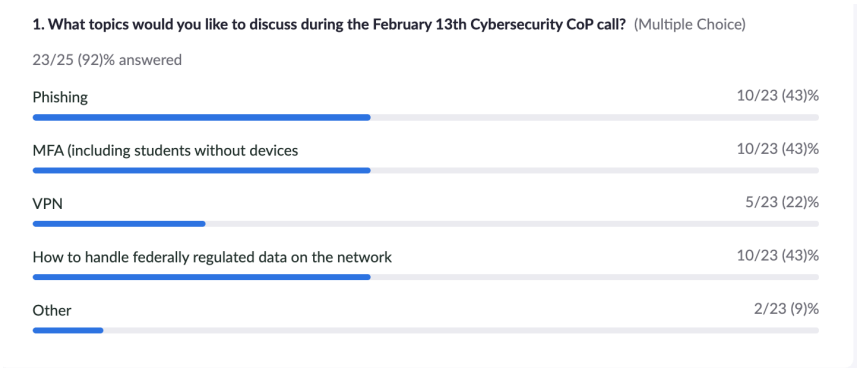
    b. Penetration Testing: Suzanna Gardner - Purdue, Dameion Brown - JSU
- Attendee Sign In
    a. Participants noted: 37
    b. Carolyn Ellis - Regulated Research Community of Practice / ASU
    c. Stephen Bollinger - NCAT
    d. Jim Basney - Trusted CI / University of Illinois
    e. Emily Nichols - Internet2
    f. Dr. Nizar Alsharari - Jackson State University
    g. Kevin Harris - Stillman College
    h. Dameion Brown, Jackson State University
    i. Camelia Kantor, Penn State University
    j. Leah Kraus
    k. Joey Brenn - Claflin University

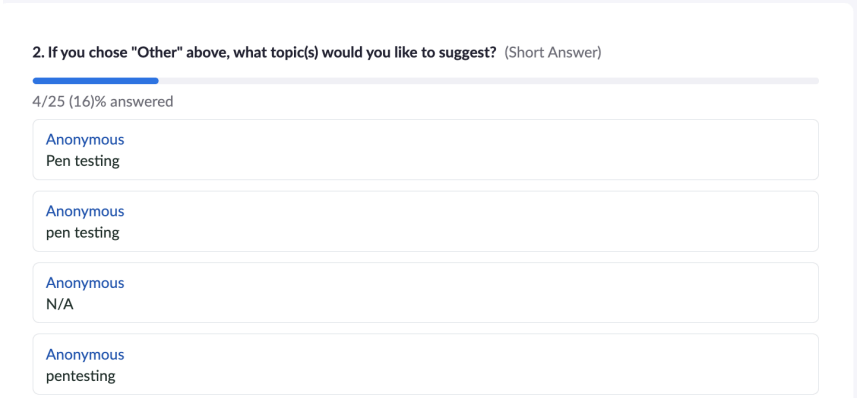
l. Harold Ramcharan - Shaw University
m. Sean Peisert - Trusted CI / Berkeley Lab & UC Davis
n. Kelli Shute - Trusted CI
o. Jennifer Kim - Internet2
p. Samuel Olatunbosun - Norfolk State University
q. Alecia Anderton-Georgie - Shaw University
r. Alex Grandon - AIHEC
s. Brian Garner - Fisk
t. David Lockett - Meharry Medical College
u. Deshon Miguel - ASU
v. Leon Geter - Benedict College
w. Hongmei Chi - FAMU
x. Josiah Dosunmu - Jackson State University
y. Leslie Jones - Internet2
z. Matthew McCowan - Cankdeska Cikana Community College
aa. Neil Myers - College of the Muscogee Nation
bb. Bobby Clark - Clemson University (MS-CC CLB)
cc. Peter Angelos - Fond du Lac
dd. Sajid Hussain - Fisk University
ee. Sudeeptha Dhananjayan - University of Arizona
ff. Karen Asquith - UNLV
gg. Mauricio Orozco - South Carolina Commission for Minority Affairs
hh. Larry Long - Internet2
ii. Ming Chiu - Dillard University, MSCC board member
jj. Widodo Samyono - Jarvis Christian University
kk. Russell Hofmann - Internet2
ll. Suzanna Gardner - Purdue
mm. Kofi Jack - Virginia Union University
nn. Bharat S. Rawal Grambling State University

Jan 9, 2024

Agenda/Notes:

- Welcome
- Introductions for newcomers
- John Karrh from GA Tech (slides, recording)
- GLBA Cybersecurity Requirements with Dameion Brown from JSU (slides, recording)
- Discussion
    a. security of financial aid software
    b. requirement for penetration testing
        i. Local, state, federal regulations differ
        ii. Dept of Education requirements? TBD
        iii. Internal vs external - BOTH, but scope dependent
    c. What office is the "manager" located in? IT or Financial Aid office?
        i. Director of Financial Aid
        ii. FERPA - Office of Registrar
        iii. Safeguard Rules - CIO, CISO offices
        iv. Takes a village to manage it all: collaboration
        v. Everyone has a different risk tolerance level
    d. CISA Services https://www.cisa.gov/resources-tools/services
    e. Does the weekly report include ONLY student information for GLBA?
    f. Who are the data owners and getting their/stakeholder buy in
        i. Differing experiences
        ii. Go beyond traditional IT (procurement, financial aid, etc). Common goal: protecting organization
        iii. ROI, operations, culture, future
    g. Cyber insurance - getting harder & more & more requirements
    h. Budget shouldn't be an excuse to not mitigate cyber risks
        i. Can present opportunities for improvement - won't get things if don't ask for them
    i. Implications for data amongst partnerships with institutions (3rd party), and how they're structured
        i. Vendor Management rules & decision trees: internal & external data analysis
            - University IT Vendor Management Stakeholder survey: https://bit.ly/ITVMP-Stakeholder-Pulse-Survey
            - Ways to share the data analysis?
        ii. Procurement, IT
    j. PCI compliance - who's responsible for this?
        i. Leverage penetration testers, annual assessments, governance risk working groups
- February 2024 topic poll





a.

- Attendee Sign In
    a. Participants noted 42
        i. Emily Nichols, Internet2, enichols@internet2.edu
        ii. Nizar Alsharari, JSU
        iii. Jim Basney, Trusted CI, jbasney@illinois.edu
        iv. Dameion Brown, JSU
        v. John Karrh, Georgia Tech
        vi. David Sliman, USM
        vii. Stephen Bollinger, NCAT, spbollin@ncat.edu
        viii. Jennifer Kim, Internet2
        ix. Bingdong Li, Tennessee State University
        x. Waverly Randall, VSU
        xi. Leah Kraus, Retired CIO & Secretary MS-CC CLB
        xii. Shelly Knight, AIHEC
        xiii. Alex Grandon, AIHEC
        xiv. Casey Forrest, UNC Greensboro cjforrest@uncg.edu
        xv. Harold Ramcharan, Shaw University
        xvi. Apryl Motley, Internet2
        xvii. Almesha Campbell, JSU
        xviii. Peter Angelos, Fond du Lac Tribal & Community College
        xix. Leslie Jones, Internet2
        xx. John Dudley, UNLV
        xxi. Sean Peisert, Trusted CI

xxii. Mount Allen, Fresno State
xxiii. Kelli Shute, Trusted CI
xxiv. Wyatt Madej, Manhattan College
xxv. Mark McNeil, Fordham University
xxvi. John McCabe, Manhattan College
xxvii. Terry Haygood, Jackson State University
xxviii. Bobby Clark, Clemson University
xxix. Conrad Begay, Navajo Technical
xxx. Deshon Miguel, ASU
xxxi. Leon Geter, Benedict
xxxii. David Lockett, Meharry Medical
xxxiii. Donna Hayden, Alcorn State University
xxxiv. Moseley Alton, Benedict College
xxxv. Phillip Wallace, UNCF
xxxvi. Ming Chiu, Dillard
xxxvii. Erik Pattison, University of the Virgin Islands, Director of Network Operations.
xxxviii. Kofi Jack, VSU
xxxix. Mauricio Orozco, SC Commission for Minority Affairs
xl. Steve Burrell, NAU
xli. Travis Johnson
xlii. Anthony Caldwell, Benedict College
xliii. Suzanna Gardner, Purdue
xliv. Karen Asquith, UNLV
xlv. Larry Long, Internet2

Dec 12, 2023

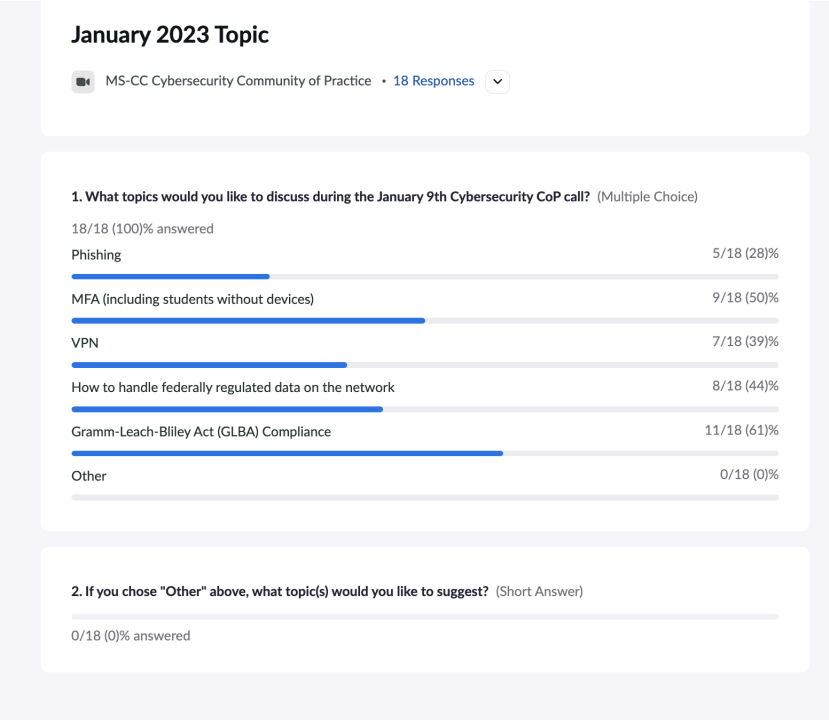
Agenda/Notes:

- Welcome
- Introductions for newcomers & sign in below
- Artificial Intelligence Security - Anita Nikolich (slides, recording)
- Discussion
    a. MITRE ATLAS
        i. Taxonomy https://atlas.mitre.org/
        ii. AVID inventory of attacks seen: https://avidml.org/
    b. Accessing Black Hat Talks
        i. https://www.youtube.com/@BlackHatOfficialYT/videos
            - 1 channel for the US, 1 for Europe
            - Video given at BlackHat: https://developer.nvidia.com/blog/ai-red-team-machine-learning-security-training/

ii. https://www.youtube.com/@DEFCONConference/videos
- Separate channels for each village
- A favorite: https://cyber.harvard.edu/story/2019-11/dont-red-team-ai-chump

c. EDUCAUSE Article December 2023
d. FABRIC Testbed - free to use: https://whatisfabric.net
   i. NSF funded project
   ii. Professors using it in classes - set up a distributed experience, VM
   iii. Hoping to get more AI attacks done on FABRIC
   iv. Also collects data about experiments, infrastructure, will help folks set things up
e. Student opportunities within AI
   i. Big growth area in how AI is used in HR and hiring
      - https://shrm.org/ is an org that is really cutting edge on this
      - HireVue AI: https://www.hirevue.com/
      - Biometrics privacy laws - lacking
        - How to audit when can't see what's being collected and the applied models
   ii. Audits of AI will be a big growth area
      - Big consulting firms are getting involved in this - technical & general compliance
f. Models and decision making wrt biometrics
g. GLBA

- January 2024 topic poll
  a. Clear winner: GLBA with Dameion Brown



- Attendee Sign In
    a. Participants noted: 32
        i. Jim Basney - Trusted CI (jbasney@illinois.edu)
        ii. Stephen Bollinger - NCAT (spbollin@ncat.edu)
        iii. Emily Nichols - Internet2 (enichols@internet2.edu)
        iv. Anita Nikolich - University of Illinois-Urbana Champaign (anitan@illinois.edu)
        v. Ken Williams - SUNO
        vi. Leah Kraus - self; leah.kraus@gmail.com
        vii. Laura Larson - SKC
        viii. Leon Geter bot - Benedict College
        ix. Lauren Michael - MS-CC (lmichael@internet2.edu)
        x. Sean Peisent - Trusted CI (sppeisert@lbl.gov)
        xi. David Sliman - University of Southern Mississippi - david.sliman@usm.edu
        xii. Jennifer Kim - I2
        xiii. Kevin Harris - Stillman College - kharris@stillman.edu
        xiv. Harold Heppner - Aaniiih Nakoda College - hheppner@ancollege.edu
        xv. Tim Warren - TN State tim.warren@tnstate.edu
        xvi. Dameion Brown - JSU, dameion.e.brown@jsums.edu
        xvii. John Hicks - Internet2 - jhicks@internet2.edu
        xviii. Alex Grandon - AIHEC
        xix. Michael Heard - University of Oklahoma
        xx. Joey Brenn - Claflin University
        xxi. Matthew McCowan - Cankdeska Cikana Community College
        xxii. David Lockett - Meharry Medical College
        xxiii. Deshon Miguel - ASU
        xxiv. Alecia Anderton-Georgie - Shaw University
        xxv. Janice Wilkins
        xxvi. Leslie Jones - I2
        xxvii. Terry Haygood - JSU
        xxviii. Read AI Bot
        xxix. Ana Hunsinger - I2
        xxx. Bobby Clark - Clemson
        xxxi. Iphone?
        xxxii. Widodo Samyono - Jarvis Christian University
        xxxiii. Russell Hofmann - I2
        xxxiv. Suzanna Gardner - Purdue University

BlackHat Talks URL https://www.youtube.com/user/BlackHatOfficialYT

EDUCAUSE https://events.educause.edu/innovation-summit/2024/ai-friend-or-foe

MITRE ATLAS https://atlas.mitre.org/

AI Vulnerability Database (AVID) https://avidml.org/

https://cyber.harvard.edu/story/2019-11/dont-red-team-ai-chump

https://developer.nvidia.com/blog/ai-red-team-machine-learning-security-training/

https://whatisfabric.net/

https://www.eeoc.gov/laws/guidance/select-issues-assessing-adverse-impact-software-algorithms-and-artificial

Nov 14, 2023

Agenda/Notes:

- Welcome
- Introductions for newcomers & sign in below
- Digital Navigator, Digital Literacy, & Cybersecurity (slides, recording)
- Discussion
    a. FCC Definition of “usable” internet: 25Mb/s down/ 3Mb/s up, per: https://broadbandnow.com/report/fcc-broadband-definition
    b. Help students understand the implications/ramifications of using different applications, plug ins
        i. Help to understand informed consent, particularly as it relates to personal data and how it’s used
        ii. Understand the implications of which types of devices to be used, probability of continuing to be used in the future
    c. Hotspots and usage within the larger community - loaning them
        i. Some use CMC grants to help with hotspot coverage
        ii. Affordable Connectivity Program: https://www.affordableconnectivity.gov/
        iii. Teaching internet online safety that can be shared with family, friends, and community
    d. Separate topic: But - Planning is underway for the 2024 MS-CC Annual Meeting in the Washington, D.C., area and we welcome your input and perspective. Please take a couple of minutes to complete this short survey by November 30, 2023. (https://docs.google.com/forms/d/e/1FAIpQLSeXJBvdc_W-XMVpQNdQzskcu8zNAMhtTD0gQxBuhRL9at5nyw/viewform)
        i. We appreciate you taking the time to share your thoughts and availability to participate in the MS-CC Annual Meeting.
- December 12th topic poll
    a. Combine phishing & AI



b.

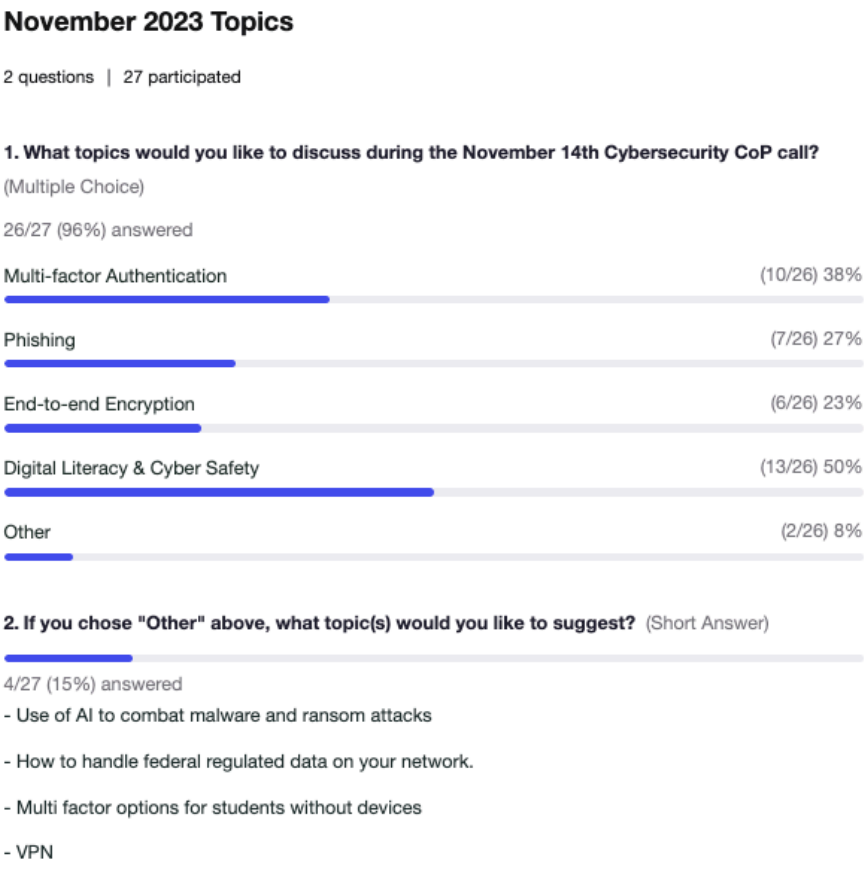
- Attendee Sign In
    a. Participants noted: 29
        i. Jim Basney - Trusted CI (jbasney@illinois.edu)
        ii. Stephen Bollinger - NCAT (spbollin@ncat.edu)
        iii. Emily Nichols - Internet2 (enichols@internet2.edu)
        iv. Katie Kehoe - NCAT
        v. Dr. Leon Geter - Benedict College
        vi. Richard Alo - FAMU
        vii. Kimberly Mann Bruch - SDSC at UC San Diego
        viii. Neil Myers - College of the Muscogee Nation
        ix. Vito Rocco - UNLV
        x. Cedric Norman - Miles College
        xi. Deb McCaffrey - Arizona State University
        xii. Kelli Shute - Trusted CI and IU's CACR
        xiii. Leon Lewis Jr CGCIO
        xiv. Bobby Clark, Clemson University, MS-CC CLB, MNC Co-Chair (carlc@clemson.edu)
        xv. Sean Peisert - Trusted CI and LBNL
        xvi. Warren Stemmons - SUNO
        xvii. Kevin Harris - Stillman College - kharris@stillman.edu
        xviii. Alex Grandon - AIHEC
        xix. Sajid Hussain - Fisk

xx. Ming Chiu - Dillard
xxi. Samuel Olatunbosun - Norfolk State University
xxii. Karen Asquith - UNLV
xxiii. Matthew McCowan - Cankdeska Cikana Community College
xxiv. Laura Larson- Salish Kootenai College
xxv. Jeff Gassaway - University of New Mexico
xxvi. Mr. Moseley
xxvii. Steve Burrell - NAU
xxviii. Mount Allen - SF Jazz/Fresno State
xxix. Conrad Begay - Navajo Technical University

Oct 10, 2023

Agenda/Notes:

- Welcome
- Introductions: please sign in below
    a. 45 seconds or less: what are you doing for Cybersecurity awareness month
- Ransomware - Jim Basney, Trusted CI (slides, recording)
- Discussion/Q&A
    a. Non punitive approaches
        - Measuring effectiveness of the training, messages, effectiveness
    b. User education, training, exercise
    c. Link scanning - can stop 75% of malicious links, paired with additional tools can get to 95%
    d. Policies particularly for BYOD, managing & registering devices
    e. Frameworks & plans + governance
    f. Some restriction of devices
    g. MFA
- November topic



November 2023 Topics

2 questions | 27 participated

1. What topics would you like to discuss during the November 14th Cybersecurity CoP call?

(Multiple Choice)

26/27 (96%) answered

Multi-factor Authentication	(10/26) 38%
Phishing	(7/26) 27%
End-to-end Encryption	(6/26) 23%
Digital Literacy & Cyber Safety	(13/26) 50%
Other	(2/26) 8%

2. If you chose "Other" above, what topic(s) would you like to suggest? (Short Answer)

4/27 (15%) answered

- Use of AI to combat malware and ransom attacks
- How to handle federal regulated data on your network.
- Multi factor options for students without devices
- VPN

    a. **Digital Literacy the winner**
    b. Future things for consideration
        - MFA
        - IoT
        - VPN
- Next Time: November 14
- Attendee Sign In
    a. Participants noted (max): 31 + 7 shorter appearances
    b. Emily Nichols - Internet2 (enichols@internet2.edu)
    c. Jim Basney - Trusted CI (jbasney@illinois.edu)
    d. Stephen Bollinger - NCAT (spbollin@ncat.edu)
    e. Jennifer Kim - Internet2 (jkim@internet2.edu)
    f. Chad Davis - Turtle Mountain Community College (cdavis@tm.edu)
    g. Kevin Harris - Stillman College kharris@stillman.edu
    h. Teni Agbesanwa MS-CC (Internet2) (tagbesanwa@internet2.edu)
    i. Lauren Michael - MS-CC (Internet2) (lmichael@internet2.edu)
    j. John Hicks - Internet2 (jhicks@internet2.edu)
    k. Vito Rocco - University of Nevada, Las Vegas (vito.rocco@unlv.edu)
    l. Brett West - Northern Arizona University (brett.west@nau.edu)
    m. Matthew McCowan - CCCC (matthew.mccowan@littlehoop.edu)

n. Ken Williams - SUNO klwilliams@suno.edu
o. Leon Geter- Benedict College, (leon.geter@benedict.edu)
p. Demetria White - Tougaloo College (dwhite@tougaloo.edu)
q. John Teleha - NCAT - teleha@ncat.edu [guest - CREO]
r. Lanika Starks - Internet2
s. Richard Long - FAMU (richard.long@famu.edu)
t. Josiah Dosunmu - JSU
u. Larry Long - Internet2
v. Alecia Anderton-Georgie - Shaw University (alecia.anderton@shawu.edu)
w. Mae Stephens - Cheyney University
x. Ming Chiu - Dillard University; MS-CC CLB
y. Richard Alo - FAMU richard.alo@famu.edu MS–CC CLB
z. Karen Asquith - UNLV
aa. Deshon Miguel - Tohono O'odham Community College
bb. Laura Larson- Salish Kootenai College
cc. Krista Coleman - Harvard
dd. Joseph Aneke - Hampton University (joseph.aneke@hamptonu.edu)
ee. Kylie Nash - Alabama A&M University (kylie.nash@aamu.edu)
ff. Edmund Ndip - Hampton University
gg. David Lockett - Meharry Medical School of Applied Computational Sciences
hh. W Randall - Virginia State University
ii. Russell Hofmann - Internet2
jj. Neil Myers - College of Muscogee Nation
kk. Michael Heard - University of Oklahoma
ll. Hong Jiang - Benedict College
mm. Nizar Alsharari <nizar.m.alsharari@jsums.edu> Jackson State University
nn. Dr. Deanne Cranford-Wesley North Carolina Central