



ISSA
Information Systems Security Association



Monthly Meeting
March 26, 2025

Central Maryland Chapter Sponsors:
DTEX Systems - Gtegrity, Inc. – Leidos –
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Board of Directors

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CompTIA

Certification Continuing Education Units

Responsibility of each member to submit their CEUs

Certificate of Attendance available upon request

EC-Council

SANS

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CISSP

Study Group

CISSP Study Group presented by ISSA Central MD

Norseman Defense Technologies | 10981 Guilford Rd | Annapolis Junction, MD 20701*
Each Tuesday at 5:00 PM -8:00 PM (EST), February 17, 2025 -May 19, 2025

Why attend?

Gain credibility as a security expert.

Become a more marketable/hirable candidate.

Become/remain contractually compliant (DoD 8570.01 Manual / DoDD 8140)

Improve IT security skills and enhancing productivity.

Save money over “boot camp” style courses.

Our Study Group fosters a learning environment to better absorb and understand the material.

This is much better than the alternative of cram it in and regurgitate it on a test immediately following.

Our approach simply makes the information more useful and easier to interpret!

You can attend each session in-person in Columbia, MD, or attend virtually on line. Your choice.

Meals are included each night for in-person sessions

Bonus: Pass your exam within 6 months; get a free year of ISSA membership on us!

Cost: just **\$450**

(+ EventBrite Fees – approximately \$32.02)

Sponsors:

(Employees of annual chapter sponsors are eligible for a 25% discount. Please contact Kevin Newman at email below)

DTEX

Gtegrity

leidos

SEALINGTECH
a PARSONS Company

More info or registration available at: <https://issa-centralmd.org>
or contact Kevin Newman (v_p_education@issa-centralmd.org) directly.



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ISSA 40th Anniversary Event and 2025 Awards Gala

September 2025

Westin Galleria Dallas



Celebrating Excellence and Achievement

Embrace the spirit of recognition as we honor remarkable contributions across a diverse range of categories in the field of information security.

- ✓ 2024 Chapter of the Year
- ✓ 2024 Volunteer of the Year
- ✓ 2025 Chapter of the Year
- ✓ 2025 Volunteer of the Year
- ✓ 2025 Security Professional of the Year
- ✓ 2025 Organization of the Year
- ✓ 2025 Honor Roll

ISSA Members Conference

Join us for a day of education and networking with ISSA members from all over the world! At the end of the day, share experiences at the evening reception before heading off to the Awards Gala!



Chapter Leaders Meeting

Join other Chapter Board members for a day of ideas, learning and best practices to bring back for your local members and opportunities for your local chapters!



ISSA

Exclusive Member Benefits

<https://www.members.issa.org/page/SpecialOffers>



RSAC 2025 Conference in San Francisco from April 28 – May 1. Connect, collaborate, and innovate
As an ISSA member, you'll save an extra \$225 with member code

Conference



ISSA Members can now attend all 2025 ELEVATE IT Summits—for FREE with member code!
These events will occur in Phoenix, Kansas City, Tampa, Dallas, Minneapolis, and Houston.
Non-members pay \$199.

Conference



ISSA members get exclusive discounts, up to 40% OFF, on best-in-class HP technology, plus access to dedicated North American tech support and a tailored shopping experience.

Product



Offers exclusive discounts for ISSA Members with member code:

- 10% off DVMS Digital Business Risk Awareness Training.
- 20% off NIST Cybersecurity Framework Certification Courses

Training



MindEdge is a premier developer of online learning solutions, including certificate and professional development courses. ISSA Members receive 20% off all course with Member Code

Training



Treadstone 71 is offering a 30% discount to all ISSA Members for online training with ISSA member code

Training



CSA and ISSA have partnered to provide an exclusive 20% ISSA member discount for the Certificate of Cloud Knowledge (CCSK) v5 training and exam bundle.
Coming soon- Zero Trust Certification

Training

**Coming
Soon**

BlackHat – Launch Date Projected March 15
\$200 Discount, Passes (ISSA booth)

Conference

Wicked6 – Launch Date March 5

15% discount for women's team competitions, ISSA listed as a sponsor on all marketing materials

Competition

FITSI- Launch date March 5

training and certifications discount for the US Government Section. ISSA Branded Page

Training

InfoSec - Launch Date March 19

- 15%-20% Discounts based on courses – Customized Codes ISSA Branded Course page
- Preferential Pricing – Instructor-led courses in Chapter Bootcamps

Training



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T O W S O N , M D



BSIDES CHARM



2025

BSidesCharm is a Baltimore, Maryland regional Security BSides event

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ISSA Special Interest Groups

<https://www.members.issa.org/general/custom.asp?page=ISSASpecialInterestGroups>

ISSA has many opportunities for members to form and participate in global initiatives and working groups. As a member, you can choose to be active in one or more of these Special Interest Groups (SIG).

Women in Security Special Interest Groups

Mission: Develop global women leaders and build a stronger community to create a compelling environment around cybersecurity and technology.

Privacy Special Interest Group (SIG)

This group is dedicated to providing privacy relevant topics to security professionals through thought leadership and a knowledge-sharing platform. The Privacy SIG will be hosting quarterly webinars and providing concise and timely privacy-related information.

Cyber Resilience Special Interest Group (SIG)

Mission: Build a global community of Cyber Resilience professionals in order to share actionable best practices to protect our organizations from cyber-attacks on high value assets.

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Free Security Training

- **Fortinet - Advanced training for security professionals, Technical training for IT professionals, and Awareness training for teleworkers:**
<https://www.fortinet.com/training/cybersecurity-professionals.html>
- **Cambridge - Software and Security Engineering:**
<https://www.cl.cam.ac.uk/teaching/1920/SWSecEng/materials.html>
- **Palo Alto Network - Free Cybersecurity Education for ALL:** <https://www.linkedin.com/pulse/free-cybersecurity-education-all-florian-buijs/>
- **6 Free Cybersecurity Training and Awareness Courses:**
<https://www.darkreading.com/threat-intelligence/6-free-cybersecurity-training-and-awareness-courses/d/d-id/1337781>
- **Cybrary Makes 500+ Hours of Premium Training Content Free to Address Cybersecurity Skills Shortage:** <https://www.cybrary.it/blog/500-hours-free-content-to-address-cybersecurity-skills-shortage/>

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GitHub - cloudcommunity/Free-Certifications: A curated list of free courses & certifications.

A curated list of free courses & certifications. Contribute to cloudcommunity/Free-Certifications development by creating an account on GitHub.

github.com

https://github.com/cloudcommunity/Free-Certifications?utm_source=tldrnewsletter

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Free AI Courses



Paul Storm on LinkedIn: #ai #digitaltransformation
#technology #future | 595 comments

Google, Harvard, and more are offering FREE AI courses (no payment required) Here are 8 FREE courses to master AI in 2024: 1. Google AI Courses
Google... | 595 comments on LinkedIn

www.linkedin.com

https://www.linkedin.com/feed/update/urn:li:activity:7191104047788032001?updateEntityUrn=urn%3Ali%3Afs_updateV2%3A%28urn%3Ali%3Aactivity%3A7191104047788032001%2CFEED_DETAIL%2CEMPTY%2CEFAULT%2Cfalse%29

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FREE Cyber Security Certifications/Training

- 1. [Introduction to Cybersecurity](#)
- 2. [Cybersecurity Essentials](#)
- 3. [Networking Essentials](#)
- 4. [Intro to Information Security](#)
- 5. [Network Security](#)
- 6. [NSE 1,2 & 3](#)
- 7. [Information Security](#)
- 8. [Network Security](#)
- 9. [Risk Management](#)
- 10. [Certified in Cybersecurity](#)
- 11. [CCNA Security Courses](#)
- 12. [Network Defense Essentials \(NDE\)](#)
- 13. [Ethical Hacking Essentials \(EHE\)](#)
- 14. [Digital Forensics Essentials \(DFE\)](#)
- 15. [Dark Web, Anonymity, and Cryptocurrency](#)
- 16. [Digital Forensics by Open Learn](#)
- 17. [AWS Cloud Certifications \(Cybersecurity\)](#)
- 18. [Microsoft Learn for Azure](#)
- 19. [Google Cloud Training](#)
- 20. [Android Bug Bounty Hunting: Hunt Like a Rat](#)
- 21. [Vulnerability Management](#)
- 22. [Software Security](#)
- 23. [Developing Secure Software](#)
- 24. [PortSwigger Web Hacking](#)
- 25. [RedTeaming](#)
- 26. [Splunk](#)
- 27. [Secure Software Development](#)
- 28. [Maryland Software Security](#)
- 29. [Cyber Threat Intelligence](#)

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Upcoming Summits

SANS

Summit & Training events provide an immersive training experience that arms attendees with deep-knowledge and actionable information and has a lasting impact on their careers and their organization's security programs. <https://www.sans.org/cyber-security-summit>

Event	Location	Dates
<u>AI Cybersecurity Summit</u> <u>Register Now</u>	Denver, CO & Virtual	Summit: Mar 31 - Apr 1 Training: Apr 2-7
<u>Cybersecurity Leadership Summit</u> <u>Register Now</u>	Free Virtual Summit	Summit: Thursday, April 24
<u>Emerging Threats Summit 2025</u> <u>Register Now</u>	Free Virtual Summit	Summit: Wednesday, May 14
<u>Ransomware Summit</u> <u>Register Now</u>	Free Virtual Summit	Summit: Friday, May 30
<u>ICS Security Summit & Training</u> <u>Register Now</u>	Orlando, FL (3 Full Days) & Virtual (3 Hours of Talks)	Summit: June 15-17 New: 3 Days! Training: June 18-23

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Free Training in AI courtesy of NVIDIA.

1. Generative AI Explained - • Generative AI and how it works. • Various Generative AI applications. • Challenges and opportunities in Generative AI - Link: <https://lnkd.in/gTAJ-sKa>
2. Building A Brain in 10 Minutes - • Exploring how neural networks use data to learn • Understanding the math behind a neuron - Link: <https://lnkd.in/gvVrqwZF>
3. Augment your LLM with Retrieval Augmented Generation - • Basics of Retrieval Augmented Generation • RAG retrieval process • NVIDIA AI Foundations and RAG model components - Link: <https://lnkd.in/g8hYube9>
4. AI in the Data Center - • AI use cases, Machine Learning, Deep Learning, and their workflows. • GPU architecture and its impact on AI. • Deep learning frameworks, and deployment considerations - Link: <https://lnkd.in/gvNzawxe>
5. Accelerate Data Science Workflows with Zero Code Changes - • Learn benefits of unified CPU and GPU workflows • GPU-accelerate data processing and ML without code changes • Experience faster processing times - Link: <https://lnkd.in/gRmxxVn8>
6. Mastering Recommender Systems - • Strategies from Kaggle Grandmasters on building recommendation systems for e-commerce. • Cover 2-stage models, candidate generation, feature engineering, and ensembling - Link: <https://lnkd.in/gdHTJbVS>
7. Networking Introduction - • Learn about networks and their importance. • Explore Ethernet basics and data forwarding in Ethernet networks. • Discuss network components, requirements, OSI model, TCP/IP protocol - Link: https://lnkd.in/gqX2CJM_u
8. How to Perform Large-Scale Image Classification - • Learn large-scale image classification • Cover challenges, modeling techniques AND validation strategies. - Link: <https://lnkd.in/gWRSha8P>



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ISC2 | Your Future. Secured.

[View as webpage](#)

ISC2 Spotlight



Cloud Security

April 22-23, 2025 | Virtual

ISC2 Members, Candidates and Associates attend for free.

[Secure Your Spot](#)

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ISSA Central MD 2023 Meetings and Events

Date	Speaker	Organization	Topic
March 26, 2026	David Rihak, James Matthews	Peig, Triangle Cyber	Redefining the Perimeter: Zero Trust & Device-Bound Access Security
April 23, 2025	Brian Vaughn	Technology Transition Paradigm	Stakeholder Management in Cybersecurity
May 28, 2025	Laura Jean Romero	Concentric	
June 25, 2025	Jessica Weiland	IOActive, Inc	
July 23, 2025	David Hennig		
August 27, 2025	David Brown	ISSA Blue Ridge	
September 24, 2025	Anurag Varshne	Ardent Privacy	
October 22, 2025			
November 19, 2025			
December 17, 2025			

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April 23, 2024

Brian Vaughn, Technology Transition Paradigm

Brian Vaughn co-founded and led three IT service companies Dataprise, Shipshape IT and Technology Transition Paradigm A Managed Service Provider and Cyber Security consultancy. Brian also donates time as the President for the Information Technology Foundation (ITF), a non-profit partnership between Montgomery County Public Schools and the local business community. ITF promotes IT education in grades K-12, preparing the next generation of technology professionals.

Brian has a Bachelor of Science degree from the University of Maryland in Political Science and graduated in 1991. He lives in Maryland and has one daughter in college.

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April 23, 2024

Redefining the Perimeter: Zero Trust & Device-Bound Access Security

Brian Vaughan will host a discussion on the pitfalls and pratfalls that can arise when clients or employer management fail to recognize the importance of proper cyber security processes and procedures. Given the present environment in which we live, this topic remains one of high concern, as it represents a continuous and ongoing problem.

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David Rihak: CEO of Peig

David Rihak: As the CEO and co-founder at Peig, David helps organizations get rid of passwords and up their cyber game with passwordless access security. Before this, David was a Digital Identity Director at ADUCID, where he co-designed citizen-centric identity solutions and helped develop federal and private partnerships.

As a frequent speaker at security conferences, David is a vivid promoter of human-centric security architectures that leave passwords in the dust.

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James Matthews: CEO of Triangle Cyber

Jim Matthews is the Founder and President / CEO of Triangle Cyber. Jim is an Electrical Engineer and former Raytheon Engineering Fellow with over 30 years of engineering and operations experience in information technology, networks, cybersecurity, system hardening, and risk / vulnerability assessments.

He has supported multiple DoD and Federal programs, including US Navy, Missile Defense Agency (MDA), and Dept of Homeland Security / Cybersecurity & Infrastructure Security Agency (DHS/CISA). He has also led engineering teams that developed mission-critical capabilities, including a global network of command & control and sensors for missile defense, a geographically distributed intrusion detection system.

Jim, a strong advocate of agile methodologies, is also a Scaled Agile Framework (SAFe) Practice Consultant (SPC) and teaches SAFe certification courses. He currently serves as Chief Architect for a major DHS/CISA cybersecurity program.

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Redefining the Perimeter: Zero Trust & Device-Bound Access Security

The phrase “identity is the new perimeter” is often used to advocate for centralized Identity and Access Management (IAM) and the rigorous application of least-privilege principles. These concepts align with widely adopted Zero Trust Architecture (ZTA) networking models, frequently positioned as an evolution beyond traditional perimeter-based security. Yet, despite these advancements, security breaches continue to rise. In this presentation, Jim Matthews (Triangle Cyber) and David Rihak (Peig) will dissect the technical reasons why stolen credentials remain the leading cause of successful attacks—and what can be done to mitigate this persistent threat. They will explore the limitations of passwords, traditional Multi-Factor Authentication (MFA), and even newer authentication methods, highlighting why these approaches fall short in ensuring truly reliable Zero Trust systems. Most importantly, they will outline how device-bound access security can serve as a foundational element of a resilient cloud security strategy, ensuring stronger, more reliable policy enforcement across modern enterprise Zero Trust systems.

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