



ISSA
Information Systems Security Association



Monthly Meeting
July 28, 2021

Central Maryland Chapter Sponsors:
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2021-2 CISSP Study Group

Fall 2021

September 14, 2021 thru December 14, 2021

**HubSpot and/or
Virtual via Zoom**

CISSP®

Review and Practice Exam

14 Sessions Total

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ISSA Member Benefits

List of special offers available to members. You will need to login with your member portal credentials to access this page.

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

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UMBC
TRAINING CENTERS

The UMBC Training Centers is offering free webinar series, covering a variety of skills and career sessions on software development, cybersecurity, leadership, and more.

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SANS
**Security
Awareness**
Summit &
Training 2021



Security Awareness Summit & Training 2021

We're opening this global virtual Summit to the community! Register now for FREE

- Two days of interactive talks, and sessions featuring speakers from all around the world
- Closely aligned SANS courses, including MGT433: Managing Human Risk
- MGT433 is also available to take in the UK time zone
- Exclusive virtual networking opportunities with fellow awareness professionals

August 3-4, August 9-14

<https://www.sans.org/event/security-awareness-summit-2021>

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Blue Team Summit & Training 2021

Virtual - US Eastern

Thu, Sep 9 - Sat, Sep 18, 2021

SANS



<https://www.sans.org/cyber-security-training-events/blue-team-summit-2021/#agenda>

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SANS

Threat Hunting Summit & Training 2021

Virtual - US Eastern

Thu, Oct 7 - Sat, Oct 16, 2021

<https://www.sans.org/cyber-security-training-events/threat-hunting-and-incident-response-summit-2021/?msc=free-events-mlp>

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SANS

SANS Cybersecurity Leadership Summit

Virtual - US Eastern

Thu, Oct 14 - Thu, Oct 14, 2021

<https://www.sans.org/cyber-security-training-events/cybersecurity-leadership-summit-2021/#agenda>

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ISSA 2021 Meetings and Events

September 22nd: Resume in person meetings.

Remote/virtual attendance will be an option.

Survey: Please take time to respond to survey regarding in-person meetings:

Discussion: What are your concerns, etc. with returning to in-person meetings?

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ISSA 2021 Meetings and Events

Date	Speaker	Organization	Topic
July 28, 2021	Mike Raggio	Cloudknox	Cloud Infrastructure Cyber Kill Chain - Threats & Countermeasures
August 25, 2021	Jeremy Druin	Ellisis Infosec	Getting to Know Your Pi-Hole: Implementing Advanced DNS Security at Home and Small Office
September 9, 2021	Terrie Shank	Baltimore Police Dept.	Crime Lab Tour
September 22, 2021		Optiv	

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August 25, 2021

Jeremy Druin, Principal Security Architect, Owner of Ellipsis Information Security

Jeremy works as the Principal Security Architect for UPS where he created the application security, bug bounty and penetration testing programs. Jeremy is also the owner of Ellipsis Information Security where he provides security testing services and teaches secure application development and penetration testing courses.

As a Director of Education for the Kentucky ISSA chapter, Jeremy presents on various information security topics along with operating the “webpwnized” YouTube video channel. Additionally, Jeremy develops the open-source OWASP Mutillidae II training environment. Jeremy has a Bachelors in Computer Science from Indiana University, a Graduate Certificate in Cybersecurity and Masters in Computer Science from the University of Louisville and is a GIAC-certified Web Application, Mobile and Network Security Penetration Tester.

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August 25, 2021

Getting to Know your Pi-Hole: Implementing advanced DNS security at home and small office

The powerful DNS Sinkhole technology has been used by corporations to help defend networks for years. Recently, this technology has been made available for home networks and small offices thanks to Pi-Hole. In this presentation, I'll share my sometimes comical journey implementing a DNS sinkhole and provide resources in case you would like to try for yourself.

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Mike Raggio, Cloud Security Engineer, CloudKnox Security

Michael T. Raggio has over 20 years of security research experience. Over the years he has uncovered numerous vulnerabilities in products including Samsung, Checkpoint, and Netgear. His current research focuses on hybrid cloud security risks and threats. Michael is the author of “Mobile Data Loss: Threats & Countermeasures” and “Data Hiding” for Syngress Books, and contributing author for “Information Security the Complete Reference 2nd Edition”. His Data Hiding book is also included at the NSA’s National Cryptologic Museum at Ft. Meade. A former security trainer, Michael has briefed international defense agencies including the FBI, Pentagon, and Queensland Police; and is a former participating member of FSISAC/BITS and the PCI Council. He is also a frequent presenter at security conferences, including Black Hat, DEF CON, Gartner, RSA, DoD Cyber Crime, OWASP, HackCon Norway, and SANS. He was also awarded the Pentagon’s Certificate of Appreciation.

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Cloud Infrastructure Cyber Kill Chain – Threats & Countermeasures

Attackers are maturing their TTPs to now exploit over-permissioned identities within AWS, Azure, and GCP; resulting in very prominent breaches. In this session we'll define a new Cloud Infrastructure Cyber Kill Chain and explore these TTPs to expose unique methods of lateral movement, privilege escalation, role-chaining, and more. Real world examples and best practices countermeasures will also be covered.

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