



Kansas City ISSA Newsletter

May 25, 2017
Topic: Making a Jump to Risk Management

Volume 44, Issue 1

May 2017

The President's Corner

Hello ISSA Kansas City Members!

Just a reminder, voting for the ISSA International Board Election will begin on June 5, 2017. Members in good standing will be contacted with voting instructions and a secure unique login on the date of the election. All ballots must be received by June 19, 2017 at 11:59 Eastern Time.

ISSA's path on becoming a CISO – You can join our monthly mentoring web series [≤ Link ≥](#). The link has list of meeting for 2017. Please also do look at resources like, [international conferences](#), [seminars that offer educational programs](#), and [training and valuable networking opportunities](#) at ISSA international site. Do you know ISSA members get 20% off on MindEdge Learning as member benefits? Use the code of ISSA during checkout to receive the 20% discount on the courses.

ASIS International 63rd Annual Seminar and Exhibits (ASIS 2017) and co-located InfraGard and ISSA conferences [is officially open at www.securityexpo.org](#). ASIS 2017 features a world-class education program with more than 180 sessions, panel discussions, and keynotes led by global thought leaders. In addition, partnerships with InfraGard and ISSA ensure a robust education lineup covering all aspects of cyber and operational security, as well as new learning formats and instructional methods.



Sincerely,
Naeem Babri
President, ISSA Kansas City

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Upcoming ISSA-KC Monthly Chapter Meeting Schedule

May 25, 2017
Topic: Making a Jump to Risk Management

June 22, 2017
More to come

July 27, 2017
More to Come

ISSA KC May 2017 Chapter Meeting Recap

What is Crowdsourcing?

"Simply defined, crowdsourcing represents the act of a company or institution taking a function once performed by employees and outsourcing it to an undefined (and generally large) network of people in the form of an open call. This can take the form of peer-production (when the job is performed collaboratively), but is also often undertaken by sole individuals. The crucial prerequisite is the use of the open call format and the large network of potential laborers."



"Crowdsourcing is a type of participative online activity in which an individual, an institution, a nonprofit organization, or company proposes to a group of individuals of varying knowledge, heterogeneity, and number, via a flexible open call, the voluntary undertaking of a task. The undertaking of the task; of variable complexity and modularity, and; in which the crowd should participate, bringing their work, money, knowledge ****[and/or]**** experience, always entails mutual benefit. The user will receive the satisfaction of a given type of need, be it economic, social recognition, self-esteem, or the development of individual skills, while the crowdsourcer will obtain and use to their advantage that which the user has brought to the venture, whose form will depend on the type of activity undertaken".

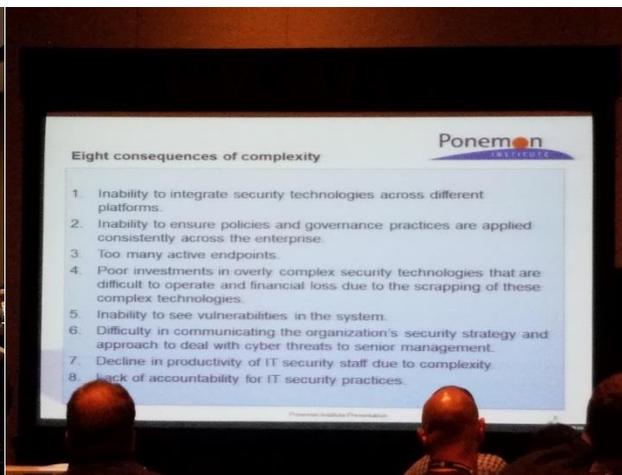
problem and then freely sharing the answer with everyone."

"Crowdsourcing is channeling the experts' desire to solve a

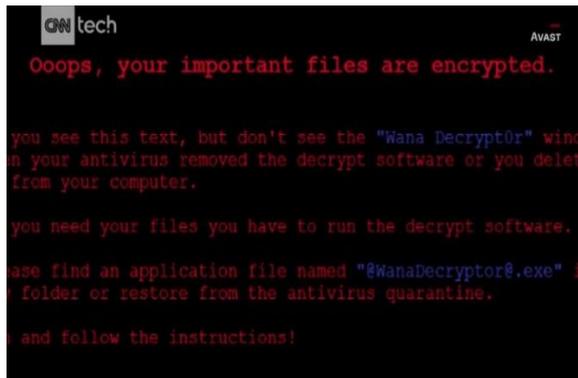
==== from the presentation

ISSA - Conferences

Pictures from SecureWorld Expo:



ISSA KC Door prize (Bluetooth Speaker) winner is Chris Armstrong!!! Congrats!!!



WannaCrypt ransomware attack should make us wanna cry

By Alexander Urbelis

<http://www.cnn.com/2017/05/14/opinions/wannacrypt-attack-should-make-us-wanna-cry-about-vulnerability-urbelis/index.html>

On Friday, the world experienced the wrath of a well-coordinated ransomware attack, known as WannaCrypt. The attack caused Britain's NHS to cancel surgeries, a wide array of Russian and Chinese private and public institutions to be crippled most of the day, and the rest of the world to recoil in shock. How could a single piece of malware that exploited a vulnerability identified long ago by the NSA, and leaked last month by a group called the Shadow Brokers, wreak so much havoc?

Before the malware could do damage in the United States, a lone British researcher, known as "MalwareTech," serendipitously identified its kill switch -- the registration of a domain name -- while on vacation. The ease with which MalwareTech did this says a great deal about the poor state of the global information security industry, and raises several important questions.

MalwareTech analyzed the malware in a testing environment and immediately noticed the code queried an improbable Internet domain name that did not exist. Domain names often function as malware command and control centers, so MalwareTech simply bought the domain name which triggered the kill switch for WannaCrypt. This was incredibly lucky. MalwareTech believes that the domain name was not intended as a kill switch, but rather a mechanism by which the malware itself could identify whether it was being analyzed.

If the domain name were active, the malware would assume it was a false positive from a researcher disassembling its code, and WannaCrypt was designed to frustrate such analyses by shutting itself down. The fact that only a single domain name was coded into the malware meant that registering that domain name had the effect of shutting down WannaCrypt worldwide. In short, WannaCrypt's creators were lazy, and the world lucked out. If WannaCrypt could be shut down so quickly and easily, why did it take so long for someone in this world to flip the kill switch, and what does this say about the state of global cyber preparedness?

First, it shows that the information security industry views cyberattacks more as a business development opportunity than as a chance to put their collective heads together to eliminate threats. Though there are undoubtedly professionals who share data unconditionally -- as MalwareTech himself did -- yesterday's events make it clear that the efforts of the information security community need greater alignment, and that the world cannot rely on a combination of serendipity and lazy coding to prevent the next attack.

Second, we must ask whether WannaCrypt was merely a test of readiness. Perhaps the kill switch existed not out of laziness but as a deliberate act, one designed to test how long it would take to shut down the attack. On the other hand, perhaps the creators intended to gather intelligence on the extent and type of systems that could be affected by malware targeting aged operating systems like Windows XP, which developers do not regularly update or support. Alternatively, WannaCrypt could have been intended merely to demonstrate the moral hazard of governments that catalogue software vulnerabilities but do not notify software developers. Thus, WannaCrypt illustrated exactly what could happen if these vulnerabilities fall into the wrong hands.

WannaCrypt has generated much debate about the danger of state-sponsored cyberattacks. As a staunch privacy and security advocate, I believe the inclusion of government-mandated backdoors in applications or operating systems that

could allow unfettered access to personal data or activities are not only unwise but entirely misguided. But if the 2016 election has taught us anything, we cannot deny that we live in a time that requires both offensive and defensive cyber capabilities.

Similarly, we cannot deny that we should be expecting more of software behemoths like Microsoft. We live in the era of big data, where all software is tracked. In the face of a software vulnerability that may bring a portion of the world to a halt, we should expect more than the timely release of a patch.

When critical systems rely on at-risk software, it is reasonable to expect that software developers like Microsoft, not governments, become more adept at notifying at-risk parties and ensuring systems become properly patched. Long-winded blog posts, emails, and available updates are unfortunately insufficient because many customers do not receive mainstream support or may not even know they are in possession of a vulnerable system.

On April 8, 2014, Microsoft ended its support of the Windows XP operating system on which WannaCrypt relied to propagate, and yet institutions around the globe continue to use it. The world was quite different three years ago: the Internet of Things was a nascent but growing concept. Today the IoT is a major concern.

If we do not discover greater efficiencies to combat pernicious threats like WannaCrypt, and if we countenance the creation and abandonment of insecure software, we can expect to face a far greater cascade of threats that have the potential to cause significant digital and physical damage. And next time we may not be so lucky.

ISSA Journal May 2017

May 2017 Volume 15 - Issue 4

Feature articles include:

- Recon and Respond to Malware Threats in the Cloud - By Ravi Balupari and Abhinav Singh - ISSA member, Silicon Valley Chapter
- Best Practices When Implementing Web Application Scanning into an SDLC - By Matt Wilgus - ISSA member, Raleigh Chapter
- Embracing Cloud Computing to Enhance Your Overall Security Posture - By Yuri Diogenes - ISSA Senior Member, Fort Worth Chapter
- Security Assurance of Docker Containers: Part 2 - By Stefan Winkel - ISSA member, Silicon Valley Chapter

Members: please click on the following Journal issue links for access:

Computer: [Bluetoad](#) - [PDF](#); Mobile: [ePub](#) - [Mobi](#)

Certification Corner

CISSP Study Group

What is the CISSP®? (Certified Information Systems Security Professional)

The vendor-neutral CISSP certification is the ideal credential for those with proven deep technical and managerial competence, skills, experience, and credibility to design, engineer, implement, and manage their overall information security program to protect organizations from growing sophisticated attacks.

Where: TEKsystems 7421 W. 129th Street, Suite 300 Overland Park, KS 66213

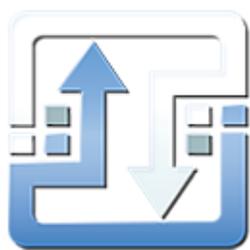
When: 2nd and 4th Mondays of each month, 6-8 PM

Contact: Mark Waugh (waugh.mark.r@gmail.com) 913-636-7900

Thanks,

Director of Education, Larry Dilley
certification@kc.issa.org

Webinars/Conferences



INTERFACE™

Education Networking Solutions

July 13, 2017 | Overland Park Convention Center | 8:30am – 4:45pm

Staying up to date with the technology that runs your organization and ensures a secure environment for your data and infrastructure are critical to your business. INTERFACE helps you meet these needs by providing quality, vendor-neutral educational seminars, drawn from case studies and best practice examples from leaders in the field.

What is INTERFACE?

F2F Events, Inc. (F2F) produces CPE-accredited educational conferences for IT professionals focusing on the latest developments in information security, IT infrastructure and communications. F2F's INTERFACE conference series is dedicated to providing both attending delegates and sponsors a strong return on their investment of time and resources. With a "by invitation-only" format, cutting-edge content, interactive labs & exhibits, and other complimentary delegate benefits (coffee, lunch, cocktails; etc.) INTERFACE has earned the reputation as "THE technology conference" for IT professionals across the country.

Overland Park Convention Center
Ballroom A-C
6000 College Boulevard
Overland Park, KS 66211

[Register](#)

ISSA Kansas City Chapter Membership

2017 Fellows Cycle is Now Open

The Fellow Program recognizes sustained membership and contributions to the profession. No more than 1% of members may hold Distinguished Fellow status at any given time. Fellow status will be limited to a maximum of 2% of the membership. Nominations and applications are accepted on an annual cycle. The next cycle will open December 2, 2016 and applications will be accepted until July 10, 2017 at 5:00pm Eastern Time. Following the application period, there will be a ten week review period followed by the notification and presentation process. Fellows and Distinguished Fellows for the 2017 Cycle will be recognized at the 2017 ISSA International Conference. Submissions received after the deadline will not be considered.

Familiarize yourself with the Fellow Program, and the [submission guidelines](#). If you have questions, contact [The Fellow Manager](#) or call 866 349 5818 (US toll free) extension 4082.

Become a Senior Member

- Any member can achieve Senior Member status, the first step in the Fellow Program. What are the criteria?
- 5 years of ISSA membership
- 10 years relevant professional experience

- All Senior Member applications require an endorsement from their home chapter to qualify
- For your convenience, please feel free to use this [Senior Member Application Check-list](#) to confirm eligibility and completion of application

Application forms:

- [Submit your application for Senior Member](#)
- [Submit an endorsement on behalf of a Senior Member candidate](#)

Fellow and Distinguished Fellow

Have you led an information security team or project for five or more years? Do you have at least eight years of ISSA membership and served for three years in a leadership role (as a chapter officer or Board member or in an International role)? You may be eligible to become an ISSA Fellow or Distinguished Fellow. Please consult the [Fellow Program Guidelines](#) and use the current forms to ensure you comply with all requirements.

Fellow Qualifications

- 8 years of association membership
- 12 person-years of relevant professional experience
- 3 years of volunteer leadership in the association
- 5 years of significant performance in the profession such as substantial job responsibilities in leading a team or project, performing research with some measure of success or faculty developing and teaching courses
- All Fellow applications require a nomination to qualify
- For your convenience, please feel free to use this [Fellow Application Check-list](#) to confirm eligibility and completion of application

Application forms:

- [Submit your application for Fellow](#)
- [Submit a nomination on behalf of a Fellow candidate](#)
- [Submit a letter of recommendation on behalf of a Fellow candidate](#)

Distinguished Fellow Qualifications

- 12 years association membership
- 16 person-years of relevant professional experience
- 5 years of sustained volunteer leadership in the association
- 10 years of documented exceptional service to the security community and a significant contribution to security posture or capability
- All Distinguished Fellow applications require a nomination to qualify
- For your convenience, please feel free to use this [Distinguished Fellow Application Check-list](#) to confirm eligibility and completion of application

Application forms:

- [Submit your application for Distinguished Fellow](#)
- [Submit a nomination on behalf of a Distinguished Fellow candidate](#)
- [Submit a letter of recommendation on behalf of a Distinguished Fellow candidate](#)

Please send an email if you have any questions about the ISSA membership and benefits.

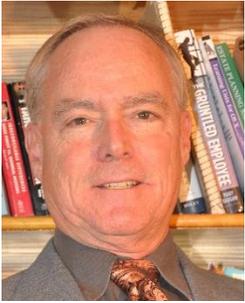
Thanks,

Membership Director, membership@kc.issa.org

ISSA-Kansas City May Chapter Event

Topic: Making a Jump to Risk Management

Speakers: Jeffrey Blackmon and Co-Hosts: Cheryl Cooper and Naeem Babri



Bio: Jeffrey D. Blackmon, FBCI, CISSP, CBCP, ITIL(F)

Jeff is owner / operator of Strategic Continuity Solutions, LLC. His company provides consulting services in the following areas of Risk management, Business Continuity, Security Planning and Governance/Risk/Compliance (GRC).

Jeff has contracted with such companies as Presbyterian Healthcare Services, Bank of America, L-3 Communications, Library of Congress, SRA international, Midland Loan Processing and BDM International. He has also worked internationally at Saudi Arabia Marketing and Refining (SAMAREC) and at the Royal Saudi Air Force Headquarters located in Riyadh.

He is a graduate from University of Nebraska at Kearney with a double major in Math and Computer Science. He also has graduated with honors from Keller Graduate School of Management with a Masters in Information Systems Management, emphasis in Security.

Brief Description of Topic: Discussion on Risk Management and the components of Security, Business Continuity and Compliance. We will discuss the definitions of what is included within Risk Management including Emerging Risk Register, how to determine Risk Impact, Probability and Severity. We will also demonstrate a quick example to show how all the components work together to form a final risk exposure value. This meeting will be more of a discussion than presentation, so be prepared to jump in with questions and comments.

Location:

Hereford House
Town Center Plaza, 5001 Town Center Dr,
Leawood, KS 66211

Menu:

Salad
Choice of one: Beef, Chicken, or Salmon
Salad, Potato, Vegetable, Drink
*Vegetarian option available, please note at registration

Agenda:

11:30 AM - 12:00 PM Greeting and registration
12:00 PM - 1:00 PM - Meeting & Presentation
1:00 PM - 1:30 PM - Questions, Answers & Networking

Price:

\$20.00 for ISSA Members,
\$30.00 for Guests/Non-Members
Maximum Reservation: 35
Credit(s): 1 CPE credit

We look forward to seeing you at the event. If you have any questions about the event or how to register, please email our RSVP email, or contact the venue for directions.

***** Register *****

The Information Systems Security Association (ISSA) is an international organization providing educational forums, publications and peer interaction opportunities that enhance the knowledge, skills and professionalism. The primary goal of ISSA is to promote management practices that will ensure availability, integrity and confidentiality of organizational resources.



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