Think Global, Act Local!

November 2 - 3, 2017
Portland Marriott Sable Oaks | South Portland, ME

Hosted by:

sage DATA SECURITY

#CCSYM
DAY ONE: Thursday, November 2, 2017

Registration Opens: 11:30 a.m.

Lunch: 11:45 a.m. – 12:15 p.m.

Welcome: 12:00 p.m. – 12:15 p.m.

Think Global, Act Local!
Sari Stern Greene
Sage Data Security Host Rep


Lunch Keynote: 12:15 p.m. – 1:15 p.m.
Cybercrime-as-a-Service
Raj Samani
Chief Scientist and Fellow, McAfee

The growth in the “as-a-service” nature of cybercrime is fueling the exponential increase in cyber-attacks, and this flexible business model allows cybercriminals to execute attacks at considerably less cost than ever before. In this talk, Raj will provide insight into the cybercrime marketplace, including pricing schemes for the services offered. This snapshot of the cybercrime market will show how its service-based nature supports new entrants who do not require technical expertise, leading to a whole new breed of cybercriminal. As a result, the volume of cyber-attacks is likely to continue to increase.

Raj has assisted multiple law enforcement agencies in cybercrime cases, and is special advisor to the European Cybercrime Centre (EC3) in The Hague. He’s been recognized for his contribution to the computer security industry through numerous awards, including the Infosecurity Europe Hall of Fame, Peter Szor Award, Intel Achievement Award, among others. Raj is also the co-author of the book Applied Cyber Security and the Smart Grid, CSA Guide to Cloud Computing, and technical editor for numerous other publications.

Session I: 1:30 p.m. – 5:15 p.m.

Interactive Incident Response Exercise
Regina Phelps
Emergency Management Expert, Educator, Author

This super-interactive session will include audio, video, and lots of props. You’ll gain the knowledge you need to prepare your organization for a national or regional event. Every attendee will leave with a license to use the exercise at their organization. This turn-key package will include scripts, injects, videos, instructions and more.

Regina is an internationally recognized thought leader in the field of crisis management, exercise design, and pandemic and business continuity planning. Since 1982, she has provided consultation and speaking services to clients in four continents. She is the founder of Emergency Management & Safety Solutions Inc. (EMSS), a consulting firm that is 100% woman owned.

Cocktails: 5:15 p.m. – 6:15 p.m.

Dinner Buffet: 6:15 p.m. – 7:00 p.m.

Dinner Keynote: 7:00 p.m. – 8:00 p.m.
Capturing Criminals in Cyberspace
Chris Tarbell
Director, Berkeley Research Group, LLP
Former FBI Cybersecurity Special Agent

Chris will share adrenaline-pumping stories detailing growing cyber threats and challenges modern businesses face. His hair-raising anecdotes prove that just because you cannot see your adversary, or maybe even know his or her real name, it doesn’t mean you can’t protect yourself.

Chris is one of the most successful cybersecurity law enforcement officials of all time. Books and movies are being made about his legendary career. Dubbed “the Eliot Ness of online crime” by Newsweek, he is responsible for infiltrating the hacker group Anonymous and taking down the notorious dark web drug trafficking site Silk Road, called “the most sophisticated and extensive criminal marketplace on the Internet.” He led the tracking and arrest of two of the most

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infamous figures in cyberspace: Sabu, who was at one point the most influential hacker in the world, and Dread Pirate Roberts, who was later convicted for his involvement with Silk Road.

**Evening Entertainment:** 8:30 p.m. – 10:00 p.m.
Help us celebrate Sage’s 15th Birthday with Motor Booty Affair - The Ultimate Disco Party Band!

**DAY TWO: Friday, November 3, 2017**

**Breakfast Buffet:** 7:30 a.m. – 8:00 a.m.

**Breakfast Keynote:** 8:00 a.m. – 9:00 a.m.
*Touring the Dark Side of the Internet*
Neil Wyler
Threat Hunting & Incident Response Specialist, RSA
In his talk, Neil will cover the basics of Tor, Darknets, Darknet Market places, and Bitcoin. He’ll share concerns you will want to be aware of and his recommendations for making their use more secure.

Neil R. Wyler (a.k.a. Grifter) is currently with RSA Security as a Threat Hunting and Incident Response Specialist. He has spent over 16 years as a security professional, focusing on vulnerability assessment, penetration testing, physical security, and incident response. He has been a staff member of the Black Hat Security Briefings for over 14 years and is a member of the Senior Staff at DEF CON where he is the Department Lead for Contests/Events/Villages/Parties and the Demo Labs. Neil has spoken at numerous security conferences worldwide, including Black Hat, DEF CON, and the RSA Conference. Neil is also a member of the DEF CON CFP Review Board and Black Hat Training Review Board. He has been the subject of various online, print, film, and television interviews, and has authored several books on information security.

**Session I: 9:15 a.m. – 10:15 a.m.**
*Becoming Bi-lingual: Community Cybersecurity as a Business Impact*
Summer Craze Fowler
Technical Director, CERT, Fellow in Advanced Cyber Studies
It is often the case that the most difficult aspect of cybersecurity is in communicating progress and impact to the business / organization. The challenge is exacerbated when the communication comes during a time of crisis or cybersecurity incident response. This session examines the results of a study on communication between security teams and senior management (including C-suite and Board of Directors). Highlights include using effective measures and metrics, how to convey cybersecurity posture, and communicating key messages.

Summer is the Technical Director of Cybersecurity Risk & Resilience in the CERT Program at Carnegie Mellon University’s (CMU) Software Engineering Institute (SEI), where she is responsible for a research and development portfolio focused on improving the security and resilience of the Nation’s critical infrastructure and assets.

Summer has 17 years of experience in software engineering, cybersecurity, and technical management. She currently teaches two graduate level courses on Information Technology Project Management and Cybersecurity Policy at the CMU Heinz School. She is also the Technical Sponsor of the CISO Executive Certificate Program, the lead for Cyburgh, PA – an initiative to bring recognition to Pittsburgh as a leader in cybersecurity, and a Cybersecurity Fellow for the Center for Strategic and International Studies as part of a cohort focused on identifying and solving policy issues at the national level.

**Session II: 10:30 a.m. – 11:30 a.m.**
*Red Team | Blue Team Exercises*
Quincy “QJax” Jackson
Red Team Lead
The time is now to step up from boardroom round-table simulations and into actively simulating well-known attacks against your network before they happen. QJax will demonstrate attack scenarios to effectively measure your cyber defense position. He’ll show the Red Team full engagement process, as well as secrets to Security Operations Center (SOC) readiness and defense testing techniques. You’ll learn his approach to effectively producing metrics and measurements for active hacker drills, and discover new Red Team tools that are safe to use for your active simulations.

Quincy “QJax” Jackson, CISSP, C|EH, GCIA, GWAPT, GREM, works as a Red Team Lead with 20+ years of IT experience. His primary responsibilities include programs to evaluate and measure the effectiveness of the SOC. His SOC Readiness and Defense Capability Testing Programs were created to reduce uncertainty and give assurance regarding detection, analysis and cyber defense capabilities. Quincy also specializes in web application security, penetration testing, mobile device hacking, and cyber threat defense techniques.

**Session III: 11:30 a.m. – 12:30 p.m.**
*2017 National Cybersecurity Policy Update*
Robert Mayer
SVP of Cybersecurity, US Telecom Association
Robert will provide an overview of major cybersecurity policy initiatives that are being undertaken by the current Administration. We will review the roles, responsibilities, and projects set forth in a new Cybersecurity Executive Order and initiatives that are underway at the Department of Homeland Security, the Department of Commerce,
Founded in 2002, Sage Data Security is an independent cybersecurity consulting firm. We offer a suite of services to support your entire cybersecurity lifecycle, including program development, education and training, cyber assessment and tech testing, advisory services, and digital forensics. Complementing our services is the Discovery Managed Threat Detection Service, which delivers advanced threat detection, incident response support, and compliance reporting across your entire network environment, including endpoints, without the need to invest in costly hardware or dedicated resources.

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