BRIEFINGS DAY 1 — WEDNESDAY | AUGUST 5

ROOM →	Level 2					Level 3			
	Lagoon K	Mandalay Bay BCD	Mandalay Bay EF	Mandalay Bay GH		Jasmine Ballroom	South Seas ABE	South Seas CDF	South Seas GH	South Seas IJ
07:00-19:00	Registration // Black Hat Blvd								
08:00-08:50	Breakfast // Shoreline B Sponsored by: FireEye · LIEBERMAN SOFTWARE · QUALYS · RSA · tenable network security								
08:50-09:00	Welcome & Introduction to Black Hat USA 2015 // Mandalay Bay Ballroom								
09:00-10:00	Keynote Speaker // Jennifer Granick // Mandalay Bay Ballroom								
10:00-10:20	Break								

LEGEND

Crypto	Hardware/Embedded	Network
Defense	Human Factors	OS, Host and Container Security
Enterprise	Internet of Things	Panels
Exploit Development	Malware	Reverse Engineering
Forensics/Incident Response	Mobile	Risk Management/Compliance
		Security Development Lifecycle
		Smart Grid/Industrial Security
		Virtualization
		Web AppSec

Time	Lagoon K	Mandalay Bay BCD	Mandalay Bay EF	Mandalay Bay GH	Jasmine Ballroom	South Seas ABE	South Seas CDF	South Seas GH	South Seas IJ
10:20-11:10	How to Hack Government: Technologists as Policy Makers by Ashkan Soltani + Terrell McSweeny	Internet Plumbing for Security Professionals: The State of BGP Security by Wim Remes	Writing Bad @$$ Malware for OS X by Patrick Wardle	Android Security State of the Union by Adrian Ludwig	Server-Side Template Injection: RCE for the Modern Web App by James Kettle	Bring Back the Honeypots... by Haroon Meer + Marco Slaviero	Why Security Data Science Matters and How It's Different: Pitfalls and Promises of Data Science Based Breach Detection and Threat Intelligence by Joshua Saxe	Spread Spectrum Satcom Hacking: Attacking the GlobalStar Simplex Data Service by Colby Moore	Unicorn: Next Generation CPU Emulator Framework by Nguyen Anh Quynh + Hoang-Vu Dang
11:10-11:30	Coffee Service // Level 2, 3, Microsoft Business Hall Networking Lounge Sponsored by: FireEye · LIEBERMAN SOFTWARE · QUALYS · RSA · tenable network security								
11:30-12:20	Breaking HTTPS with BGP Hijacking by Artyom Gavrichenkov	Attacking Interoperability - An OLE Edition by Haifei Li + Bing Sun	Defeating Pass-the-Hash: Separation of Powers by Seth Moore + Baris Saydag	Winning the Online Banking War by Sean Park	Emanate Like a Boss: Generalized Covert Data Exfiltration with Funtenna by Ang Cui	Take a Hacker to Work Day - How Federal Prosecutors Use the CFAA by Leonard Bailey	Why Security Data Science Matters and How It's Different: Pitfalls and Promises of Data Science Based Breach Detection and Threat Intelligence by Joshua Saxe	The Battle for Free Speech on the Internet by Matthew Prince	Understanding and Managing Entropy Usage by Bruce Potter + Sasha Wood
12:20-13:50	Lunch Break								
13:50-14:40	Data-Driven Threat Intelligence: Metrics on Indicator Dissemination and Sharing by Alexandre Sieira + Alex Pinto	Adventures in Femtoland: 350 Yuan for Invaluable Fun by Alexey Osipov + Alexander Zaitsev	Red vs. Blue: Modern Active Directory Attacks, Detection, and Protection by Sean Metcalf	GameOver Zeus: Badguys and Backends by Elliott Peterson + Michael Sandee + Tillman Werner	Exploiting the DRAM Rowhammer Bug to Gain Kernel Privileges by Mark Seaborn + Halvar Flake	SMBv2: Sharing More than Just Your Files by Jonathan Brossard + Hormazd Billimoria	Abusing Silent Mitigations - Understanding Weaknesses Within Internet Explorer's Isolated Heap and Memory Protection by Brian Gorenc + Abdul-Aziz Hariri + Simon Zuckerbraun	The Tactical Application Security Program: Getting Stuff Done by Cory Scott + David Cintz	These are Not Your Grand Daddy's CPU Performance Counters - CPU Hardware Performance Counters for Security by Nishad Herath + Anders Fogh
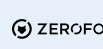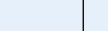
Schedule as of July 20, 2015. Subject to Change.

BRIEFINGS DAY 1 — **WEDNESDAY | AUGUST 5**

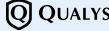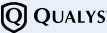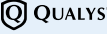| ROOM →	Level 2					Level 3				
	Lagoon K	Mandalay Bay BCD	Mandalay Bay EF	Mandalay Bay GH		Jasmine Ballroom	South Seas ABE	South Seas CDF	South Seas GH	South Seas IJ
14:40-15:00	Break									
15:00-15:50	**WSUSpect - Compromising the Windows Enterprise via Windows Update** by Paul Stone + Alex Chapman	**Stagefright: Scary Code in the Heart of Android** by Joshua Drake	**Remote Exploitation of an Unaltered Passenger Vehicle** by Charlie Miller + Chris Valasek	**Big Game Hunting: The Peculiarities of Nation-State Malware Research** by Morgan Marquis-Boire + Marion Marschalek + Claudio Guarnieri		**Targeted Takedowns: Minimizing Collateral Damage Using Passive DNS** by Paul Vixie	**Back Doors and Front Doors Breaking the Unbreakable System** by James Denaro + Matthew Green	**Switches Get Stitches** by Colin Cassidy + Robert Lee + Eireann Leverett	**Distributing the Reconstruction of High-Level Intermediate Representation for Large Scale Malware Analysis** by Rodrigo Branco + Gabriel Negreira Barbosa + Alexander Matrosov + Eugene Rodionov	**Stranger Danger! What is the Risk from 3rd Party Libraries?** by Kymberlee Price + Jake Kouns
15:50-16:20	Networking Break // Microsoft Business Hall Networking Lounge // Shoreline A — Sponsored by: Bromium, CORE SECURITY, FORTINET, IBM, OPTIV, proofpoint, tripwire, ZEROFOX									
16:20-17:10	**Faux Disk Encryption: Realities of Secure Storage on Mobile Devices** by Daniel Mayer + Drew Suarez	**Optimized Fuzzing IOKit in iOS** by Lei Long + Peng Xiao + Aimin Pan	**Abusing Windows Management Instrumentation (WMI) to Build a Persistent, Asynchronous, and Fileless Backdoor** by Matthew Graeber	**Attacking Hypervisors Using Firmware and Hardware** by Yuriy Bulygin + Alexander Matrosov + Mikhail Gorobets + Oleksandr Bazhaniuk		**The Little Pump Gauge that Could: Attacks Against Gas Pump Monitoring Systems** by Kyle Wilhoit + Stephen Hilt	**Crash & Pay: How to Own and Clone Contactless Payment Devices** by Peter Fillmore	**Securing Your Big Data Environment** by Ajit Gaddam	**Panel: Getting It Right: Straight Talk on Threat & Information Sharing** moderated by Trey Ford	**Behind the Mask: The Agenda, Tricks, and Tactics of the Federal Trade Commission as they Regulate Cybersecurity** by Michael Daugherty
17:10-17:30	Break									
17:30-18:00	**Subverting Satellite Receivers for Botnet and Profit** by Sofiane Talmat	**Graphic Content Ahead: Towards Automated Scalable Analysis of Graphical Images Embedded in Malware** by Alex Long	**Cloning 3G/4G SIM Cards with a PC and an Oscilloscope: Lessons Learned in Physical Security** by Yu Yu	**Commercial Mobile Spyware - Detecting the Undetectable** by Joshua Dalman + Valerie Hantke		**The Node.js Highway: Attacks are at Full Throttle** by Maty Siman + Amit Ashbel	**How Vulnerable are We to Scams?** by Markus Jakobsson	**Attacking ECMAScript Engines with Redefinition** by Natalie Silvanovich	**Mobile Point of Scam: Attacking the Square Reader** by Alexandrea Mellen + John Moore	**THIS IS DeepERENT: Tracking App Behaviors with (Nothing Changed) Phone for Evasive Android Malware** by Yeongung Park + Jun Young Choi
17:30-19:00	Business Hall Reception // Shoreline A — Sponsored by: ALIEN VAULT, CISCO, DIGITAL GUARDIAN, FIDELIS CYBERSECURITY, FireEye, hp Enterprise Security, LIEBERMAN SOFTWARE, LOCKHEED MARTIN, LogRhythm, paloalto NETWORKS, QUALYS, Raytheon websense, RSA, tenable network security, WEBROOT									
18:30-19:30	Pwnie Awards // Mandalay Bay D									

Schedule as of July 20, 2015. Subject to Change.

BRIEFINGS DAY 2 — THURSDAY | AUGUST 6

BRIEFINGS DAY 2 — THURSDAY | AUGUST 6

ROOM →	Level 2					Level 3				
	Lagoon K	Mandalay Bay BCD	Mandalay Bay EF	Mandalay Bay GH		Jasmine Ballroom	South Seas ABE	South Seas CDF	South Seas GH	South Seas IJ
08:00-08:50	Breakfast // Shoreline B *Sponsored by:* FireEye, LIEBERMAN SOFTWARE, Qualys, RSA, tenable network security									
08:30-17:00	Registration // Black Hat Blvd									
09:00-09:25	**CrackLord: Maximizing Password Cracking Boxes** *by Lucas Morris + Michael McAtee*	**Remote Physical Damage 101 - Bread and Butter Attacks** *by Jason Larsen*	**Attacking Your Trusted Core: Exploiting Trustzone on Android** *by Di Shen*	**TrustKit: Code Injection on iOS 8 for the Greater Good** *by Alban Diquet + Eric Castro + Angela On-kit Chow*		**The Applications of Deep Learning on Traffic Identification** *by Zhanyi Wang + Chuanming Huang*	**ROPInjector: Using Return Oriented Programming for Polymorphism and Antivirus Evasion** *by Christos Xenakis*	**My Bro the ELK: Obtaining Context from Security Events** *by Travis Smith*	**Exploiting XXE Vulnerabilities in File Parsing Functionality** *by Willis Vandevanter*	**Taxonomic Modeling of Security Threats in Software Defined Networking** *by Jennia Hizver*
09:25-09:45	Break									
09:45-10:35	**Web Timing Attacks Made Practical** *by Timothy Morgan + Jason Morgan*	**Repurposing OnionDuke: A Single Case Study Around Reusing Nation State Malware** *by Joshua Pitts*	**The NSA Playset: A Year of Toys and Tools** *by Michael Ossmann*	**The Memory Sinkhole - Unleashing an x86 Design Flaw Allowing Universal Privilege Escalation** *by Christopher Domas*		**Battle of the SKM and IUM: How Windows 10 Rewrites OS Architecture** *by Alex Ionescu*	**Bringing A Cannon to a Knife Fight** *by Adam Kozy + Johannes Gilger*	**Certifi-gate: Front-Door Access to Pwning Millions of Androids** *by Ohad Bobrov + Avi Bashan*	**Bypass Surgery Abusing Content Delivery Networks with Server-Side-Request Forgery (SSRF), Flash, and DNS** *by Mike Brooks + Matthew Bryant*	**The Kali Linux Dojo Workshop #1: Rolling Your Own - Generating Custom Kali Linux 2.0 ISOs** *by Mati Aharoni*
10:35-11:00	Coffee Service // Level 2, 3, Microsoft Business Hall Networking Lounge *Sponsored by:* FireEye, LIEBERMAN SOFTWARE, Qualys, RSA, tenable network security									
11:00-11:50	**Breaking Access Controls with BLEKey** *by Eric Evenchick + Mark Baseggio*	**Panel: How the Wassenaar Arrangement's Export Control of "Intrusion Software" Affects the Security Industry** *moderated by Kim Zetter*	**Defeating Machine Learning: What Your Security Vendor is Not Telling You** *by Bob Klein + Ryan Peters*	**Ah! Universal Android Rooting is Back** *by Wen Xu*		**Taking Event Correlation with You** *by Rob King*	**How to Implement IT Security After a Cyber Meltdown** *by Christina Kubecka*	**Return to Where? You Can't Exploit What You Can't Find** *by Christopher Liebchen + Ahmad-Reza Sadeghi + Andrei Homescu + Stephen Crane*	**Staying Persistent in Software Defined Networks** *by Gregory Pickett*	**The Kali Linux Dojo Workshop #2: Kali USB Setups with Persistent Stores and LUKS Nuke Support** *by Mati Aharoni*
11:50-12:10	Break									
12:10-13:00	**Forging the USB Armory, an Open Source Secure Flash-Drive-Sized Computer** *by Andrea Barisani + Daniele Bianco*	**Information Access and Information Sharing: Where We are and Where We are Going** *by Alejandro Mayorkas*	**From False Positives to Actionable Analysis: Behavioral Intrusion Detection, Machine Learning, and the SOC** *by Joseph Zadeh*	**Fingerprints on Mobile Devices: Abusing and Leaking** *by Yulong Zhang + Tao Wei*		**Internet-Facing PLCs - A New Back Orifice** *by Johannes Klick + Stephan Lau*	**ZigBee Exploited the Good, the Bad, and the Ugly** *by Tobias Zillner + Sebastian Strobl*	**Bypass Control Flow Guard Comprehensively** *by Yunhai Zhang*	**Breaking Honeypot for Fun and Profit** *by Dean Sysman + Gadi Evron + Itamar Sher*	**BGP Stream** *by Dan Hubbard + Andree Toon*

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ROOM →	Level 2					Level 3				
	Lagoon K	Mandalay Bay BCD	Mandalay Bay EF	Mandalay Bay GH		Jasmine Ballroom	South Seas ABE	South Seas CDF	South Seas GH	South Seas IJ
13:00-14:30	Lunch Break									
14:30-15:20	**When IoT Attacks: Hacking a Linux-Powered Rifle** *by Runa A. Sandvik + Michael Auger*	**Is the NSA Still Listening to Your Phone Calls? A Surveillance Debate: Congressional Success or Epic Fail** *by Mark Jaycox + Jamil Jaffer*	**Automated Human Vulnerability Scanning with AVA** *by Laura Bell*	**Pen Testing a City** *by Greg Conti + Tom Cross + David Raymond*		**Internet-Scale File Analysis** *by Zachary Hanif + Tamas Lengyel + George Webster*	**Broadcasting Your Attack: Security Testing DAB Radio in Cars** *by Andy Davis*	**Assessing and Exploiting BigNum Vulnerabilities** *by Ralf-Philipp Weinmann*	**Understanding the Attack Surface and Attack Resilience of Project Spartan's New EdgeHTML Rendering Engine** *by Mark Vincent Yason*	**Review and Exploit Neglected Attack Surfaces in iOS 8** *by Tielei Wang + Hao Xu + Xiaobo Chen*
15:20-15:50	Ice Cream Social // Microsoft Business Hall Networking Lounge // Shoreline A Sponsored by: ALIEN VAULT, CISCO, DIGITAL GUARDIAN, FIDELIS CYBERSECURITY, HP Enterprise Security, LOCKHEED MARTIN, LogRhythm, paloalto NETWORKS, Raytheon	websense, WEBROOT								
15:50-16:40	**Abusing XSLT for Practical Attacks** *by Fernando Arnaboldi*	**Rocking the Pocket Book: Hacking Chemical Plant for Competition and Extortion** *by Marina Krotofil*	**Advanced IC Reverse Engineering Techniques: In Depth Analysis of A Modern Smart Card** *by Olivier Thomas*	**Social Engineering the Windows Kernel: Finding and Exploiting Token Handling Vulnerabilities** *by James Forshaw*		**ThunderStrike 2: Sith Strike** *by Xeno Kovah + Corey Kallenberg + Trammell Hudson*	**Deep Learning on Disassembly** *by Matt Wolff + Andrew Davis*	**HI THIS IS URGENT PLZ FIX ASAP: Critical Vulnerabilities and Bug Bounty Programs** *by Kymberlee Price*	**Using Static Binary Analysis to Find Vulnerabilities and Backdoors in Firmware** *by Christopher Kruegel + Yan Shoshitaishvili*	**Breaking Payloads with Runtime Code Stripping and Image Freezing** *by Collin Mulliner + Matthias Neugschwandtner*
16:40-17:00	Break									
17:00-18:00	**Fuzzing Android System Services by Binder Call to Escalate Privilege** *by Guang Gong*	**Harnessing Intelligence from Malware Repositories** *by Arun Lakhotia + Vivek Notani*	**Most Ransomware Isn't as Complex as You Might Think** *by Engin Kirda*	**FileCry - The New Age of XXE** *by Xiaoran Wang + Sergey Gorbaty*		**Dom Flow - Untangling the DOM for More Easy-Juicy Bugs** *by Ahamed Nafeez*	**Exploiting Out-of-Order Execution for Covert Cross-VM Communication** *by Sophia D'Antoine*	**Hidden Risks of Biometric Identifiers and How to Avoid Them** *by Thomas Keenan*	**API Deobfuscator: Resolving Obfuscated API Functions in Modern Packers** *by Seokwoo Choi*	**Dance Like Nobody's Watching, Encrypt Like Everyone Is: A Peek Inside the Black Hat Network** *by Neil Wyler + Bart Stump*

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LEGEND

- Crypto
- Defense
- Enterprise
- Exploit Development
- Forensics/Incident Response
- Hardware/Embedded
- Human Factors
- Internet of Things
- Malware
- Mobile
- Network
- OS, Host and Container Security
- Panels
- Reverse Engineering
- Risk Management/Compliance
- Security Development Lifecycle
- Smart Grid/Industrial Security
- Virtualization
- Web AppSec

ARSENAL DAY 1 — WEDNESDAY | AUGUST 5

Breakers DEJK

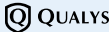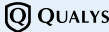| STATION →	1	2	3	4	5		6	7	8	9	10	← STATION
08:00-08:50	Breakfast // Shoreline B		Sponsored by: FireEye, LIEBERMAN SOFTWARE, Qualys, RSA, tenable network security									08:00-08:50
08:50-09:00	Welcome & Introduction to Black Hat USA 2015 // Mandalay Bay Ballroom											
09:00-10:00	Keynote Speaker // Jennifer Granick // Mandalay Bay Ballroom											09:00-10:00
10:00-12:30	Osxcollector *by Ivan Leichtling*	Damn Vulnerable iOS App (DVIA) *by Prateek Gianchandani*	Bearded *by Viacheslav Bakhmutov*	Sphinx *by Takehiro Takahashi*	Nsearch *by Juan Jacobo Tibaquirá*		MITMf *by Marcello Salvati*	Triforce *by David Cowen*	FindSecurityBugs *by Philippe Arteau*	QARK - Android Application SCA and Exploit Tool *by Tony Trummer + Tushar Dalvi*	SERPICO *by Willis Vandevanter + Peter Arzamendi*	10:00-12:30
12:30-12:45	Break											12:30-12:45
12:45-15:15	Nishang - The Black Hat Version *by Nikhil Mittal*	Sqlchop *by Yusen Chen*	Rudra - The Destroyer of Evil *by Ankur Tyagi*	OWASP Distributed Web Honeypots Project *by Ryan Barnett*	CTF Tools *by Yan Shoshitaishvili*		Exploit Pack *by Juan Sacco*	Dradis Framework 3.0 *by Daniel Martin*	Breachego *by Christian Heinrich*	Intrigue *by Jonathan Cran*	ElastAlert *by Quentin Long*	12:45-15:15
15:15-15:30	Break											15:15-15:30
15:30-18:00	WireEdit *by Michael Sukhar*	peepdf *by Jose Miguel Esparza*	CapTipper *by Omri Herscovici*	Openioc_Scan *by Takahiro Haruyama*	The Volatility Framework *by Michael Ligh*		Burp-hash *by Scott Johnson + Tim MalcomVetter + Matt South*	SAMLyze *by Jon Barber*	PixelCAPTCHA - A Unicode Based CAPTCHA Scheme *by Gursev Singh Kalra*	CuckooDroid - An Automated Malware Analysis Framework *by Idan Revivo + Ofer Caspi*	Seclists *by Jason Haddix + Daniel Miessler*	15:30-18:00

ARSENAL DAY 2 — THURSDAY | AUGUST 6

Breakers DEJK

STATION →	1	2	3	4	5		6	7	8	9	10	← STATION
08:00-08:50	Breakfast // Shoreline B		Sponsored by: FireEye, LIEBERMAN SOFTWARE, Qualys, RSA, tenable network security									08:00-08:50
10:00-12:30	Reissue Request Scripter (Burp Plugin) *by Philippe Arteau*	SimpleRisk *by Josh Sokol*	WATOBO - The WebApplication ToolBox *by Andreas Schmidt*	ChipWhisperer *by Colin O'Flynn*	SpeedPhishing Framework (SPF) *by Adam Compton*		D1c0m-X *by Michael Hudson*	OWASP Broken Web Applications VM v1.2 *by Chuck Willis*	ShinoBOT *by Shota Shinogi*	Mana *by Dominic White*	Pestudio *by Marc Ochsenmeier*	10:00-12:30
12:30-12:45	Break											12:30-12:45
12:45-15:15	TARDIS *by Travis Smith*	Backdoor Factory (BDF) and BDFProxy *by Joshua Pitts*	Digital Disease Tracking Tool *by Efrain Ortiz*	UTIP - Unstructured Threat Intelligence Processing *by Elvis Hovor*	Preeny *by Yan Shoshitaishvili*		Linux-Inject *by Tyler Colgan*	OWASP Dependency-Check *by Jeremy Long*	Active Directory Backdoors: Myth or Reality BTA: Open-Source Tool for AD Analysis *by Joffrey Czarny*	Noriben *by Brian Baskin*		12:45-15:15
15:15-15:30	Break											15:15-15:30
15:30-18:00	Chellam *by Vivek Ramachandran*	Lynis *by Michael Boelen*	Objective-See's OS X Security Tools *by Patrick Wardle*	Kautilya *by Nikhil Mittal*	Faraday *by Federico Kirschbaum*		ThreadFix *by Dan Cornell*	HEYBE - Pentest Automation Toolkit *by Bahtiyar Bircan + Gokhan Alkan*	CuckooSploit *by David Oren*	YARD Stick One *by Michael Ossmann + Taylor Streetman*		15:30-18:00
16:00-18:00	Arsenal Happy Hour											16:00-18:00

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SPONSORED SESSIONS DAY 1 — WEDNESDAY | AUGUST 5
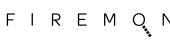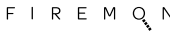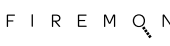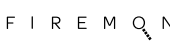
ROOM →	Business Hall - Theater A		Business Hall - Theater B	
	Session Name	Sponsor	Session Name	Sponsor
10:20-11:05	Next-Gen Vulnerability Management and Compliance with Cloud Agents	QUALYS	Security in Focus	paloalto NETWORKS
11:30-12:15	Malware Prospecting: Separating the Advanced from the Annoying	CISCO	Tactical Diversion-Driven Defense	LogRhythm
12:40-13:25	Fear of the Dark: The Life of a Tier 3 Analyst	RSA	Zero-Day Inferno: Aggressive, Automated Privileged Identity Management for Cyber Defense	LIEBERMAN SOFTWARE
13:50-14:35	Two Steps Forward, One Back: Security Research and the Law	hp Enterprise Security	Can DLP Thwart Malware Attacks?	DIGITAL GUARDIAN Formerly VERDASYS
15:00-15:45	Wild Wild Web Experience	f5	Tailored Attacks Require Tailored Defenses: Improving Your Incident Response Strategy Through Advanced Threat Hunting	Bit9 + CARBON BLACK ARM YOUR ENDPOINTS.
16:10-16:55	Man in the Cloud Attacks	IMPERVA	Beyond Detection – Using Adaptive Security to Discover Threats in a Dynamic Environment	ThreatTrack

SPONSORED SESSIONS DAY 2 — THURSDAY | AUGUST 6

ROOM →	Business Hall - Theater A		Business Hall - Theater B	
	Session Name	Sponsor	Session Name	Sponsor
11:00-11:45	Utilizing Contextual Awareness to Combat Cyber Threats	Raytheon | Websense	Principles of the Application of Threat Intelligence	FIDELIS CYBERSECURITY
12:10-12:55	Open-Source IDS Laika BOSS: Protecting Your Enterprise from Malicious Files	LOCKHEED MARTIN	Understanding Threats Using Machine Learning and Contextual Analytics	WEBROOT Smarter Cybersecurity
13:20-14:05	Security Operations: Moving to a Narrative-Driven Model	FireEye SECURITY REIMAGINED	Security Assurance and Tenable's Five Cyber Security Controls	tenable network security
14:30-15:15	The Cyber Supply Line: A Geospatial Approach to Cybersecurity	esri	Can Your IaaS Workloads Take A Punch?	CloudPassage
15:40-16:25	The Privileged Aspect of Kerberos Attacks	CYBERARK		

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SPONSORED WORKSHOPS DAY 1 — WEDNESDAY | AUGUST 5

ROOM →	Mandalay Bay J		Mandalay Bay K		Mandalay Bay L	
	Session Name	Sponsor	Session Name	Sponsor	Session Name	Sponsor
10:20-11:10	Typography of a Cyber Attack	BAE SYSTEMS INSPIRED WORK	DNS Arms Race: Many Roles DNS Plays in Security Battles	neustar	Exploiting IT Analytics to Create a 'Human Layer' Security Initiative	FIREMON
11:10-11:30	Break					
11:30-12:20	Typography of a Cyber Attack	BAE SYSTEMS INSPIRED WORK	Turf War: Using Geo-Intelligence to Thwart Cyber Threats	neustar	Exploiting IT Analytics to Create a 'Human Layer' Security Initiative	FIREMON
12:20-13:50	Lunch					
13:50-14:40	Kaizen Capture the Flag	Booz | Allen | Hamilton strategy and technology consultants	How Poorly Obfuscated MobileApp Code Leads to Vulnerable IoT Devices	whiteCryption	Exploiting IT Analytics to Create a 'Human Layer' Security Initiative	FIREMON
14:40-15:00	Break					
15:00-15:50	Kaizen Capture the Flag	Booz | Allen | Hamilton strategy and technology consultants	How Poorly Obfuscated MobileApp Code Leads to Vulnerable IoT Devices	whiteCryption	Exploiting IT Analytics to Create a 'Human Layer' Security Initiative	FIREMON

SPONSORED WORKSHOPS DAY 2 — THURSDAY | AUGUST 6

ROOM →	Mandalay Bay J		Mandalay Bay K		Mandalay Bay L	
	Session Name	Sponsor	Session Name	Sponsor	Session Name	Sponsor
11:00-11:50	A Cyber Professional's Guide to Deception Technologies	TRAPX SECURITY	Endpoints, Threat Feeds, FPs and You	ziften	Overcoming Chaos and Disruption: A New World Order in Security	(Twitter)
11:50-12:10	Break					
12:10-13:00	A Cyber Professional's Guide to Deception Technologies	TRAPX SECURITY	Endpoints, Threat Feeds, FPs and You	ziften	Overcoming Chaos and Disruption: A New World Order in Security	(Twitter)
13:00-14:30	Lunch					
14:30-15:20	The Information Security Landscape: What Security Pros REALLY Worry About	DARKReading In partnership with: VERACODE				
15:20-15:40	Break					
15:40-16:30	How to Find a Better Job in IT Security	DARKReading In partnership with: accenture				