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0-Day Unnecessary: Attacking and Protecting Kubernetes, LINUX and Containers <i>Jay Beale, InGuardians</i>	Aug. 2-5	 Mandalay Bay – A	2
Owning the Cloud - AWS, Azure, GCP, DigitalOcean and Aliyun <i>Cyfinoid Research</i>	Aug. 2-3 Aug. 4-5	 Reef – B	2
0xCD Hands-On Hacking Fundamentals <i>SensePost Training Orange Cyberdefense</i>	Aug. 2-3 Aug. 4-5	 Lagoon – K	2
0xCD Modern Wi-Fi Hacking <i>SensePost Training Orange Cyberdefense</i>	Aug. 2-5	 Lagoon – F	2
0xCD Tactical Hacking Essentials <i>SensePost Training Orange Cyberdefense</i>	Aug. 2-5	 Lagoon – L	2
1337 Offensive Hardware Hacking Training <i>WHID - We Hack In Disguise</i>	Aug. 4-5	 Lagoon – G	2
2025, A Space Hacking Odyssey <i>Final Frontier Security</i>	Aug. 2-3 Aug. 4-5	 Breakers – G	2
360° Data Breaches: Risk Management and Response <i>Sherri Davidoff, LMG Security</i>	Aug. 2-3 Aug. 4-5	 Lagoon – B	2
5G hacking for red and blue teams <i>Dr. Altaf Shaik</i>	Aug. 2-5	 Tropics – A	0 NORTH
A Black Box: Lab-based AI security and safety training delivered through the lens of historic technological disasters <i>Cignal LLC</i>	Aug. 2-3 Aug. 4-5	 Tropics – B	0 NORTH
A Bug Hunters Guide to Binaries and Firmware <i>Craig Young</i>	Aug. 2-3 Aug. 4-5	 Breakers – J	2
A Complete Practical Approach to Malware Analysis and Memory Forensics - 2025 Edition <i>Monnappa K A & Sajan Shetty</i>	Aug. 2-5	 Breakers – H	2
Accelerated AppSec - Hacking your Product Security Programme for Velocity and Value <i>Josh Grossman, Bounce Security</i>	Aug. 4-5	 Tradewinds – E	0 NORTH
Adam Shostack's Threat Modeling Intensive <i>Adam Shostack</i>	Aug. 2-3 Aug. 4-5	 Lagoon – C	2
Advanced Cloud Incident Response in Azure and Microsoft 365 <i>Korstiaan Stam - Invictus Incident Response</i>	Aug. 2-3 Aug. 4-5	 Lagoon – A	2
Advanced Detection Engineering in the Enterprise <i>Olaf Hartong / FalconForce</i>	Aug. 2-5	 Breakers – D	2
Advanced Hacking and Securing Windows Infrastructure <i>Paula Januszkiewicz, Amr Thabet, Marcin Krawczyk</i>	Aug. 2-3 Aug. 4-5	 Palm – A	3
Advanced Infrastructure Hacking <i>NotSoSecure Training - Part of Claranet Cyber Security</i>	Aug. 2-5	 Lagoon – I	2
Advanced Malware Traffic Analysis: Adaptive Defence. 2025 Edition <i>Veronica Valeros & Sebastian Garcia</i>	Aug. 4-5	 Banyan – C	3
Advanced Red Teaming against MLSecOps and AI-as-a-Service Platforms <i>RemoteThreat</i>	Aug. 2-3 Aug. 4-5	 Mandalay Bay – K	2
Advanced Security Operations and Threat Hunting <i>Digital Defense Institute</i>	Aug. 2-5	 Mandalay Bay – B	2
Advanced Threat Emulation: Active Directory <i>BC Security</i>	Aug. 2-3 Aug. 4-5	 Oceanside – G	2
Advanced Threat Emulation: Evasion <i>BC Security</i>	Aug. 2-3 Aug. 4-5	 Oceanside – F	2
Advanced Threat Hunting with AI Support <i>Paula Januszkiewicz, Amr Thabet, Marcin Krawczyk</i>	Aug. 2-3 Aug. 4-5	 Palm – B	3
Advanced Topics in Malware Analysis <i>Mandiant (now part of Google Cloud)</i>	Aug. 2-5	 Jasmine – E	3
Adversarial Approach: Combating Social Engineering Attacks through Situational Awareness <i>Jayson E. Street and Kenny Hess with Secure Yeti</i>	Aug. 2-3 Aug. 4-5	 Breakers – B	2
Adversary Emulation for Operational Technology (OT) <i>Marina Krotofil, mk security, Jos Wetzels, Midnight Blue</i>	Aug. 4-5	 Tradewinds – D	0 NORTH
Adversary Simulation and Capability Development <i>MDSec</i>	Aug. 2-5	 Breakers – A	2
Adversary Tactics and Threat Hunting <i>TrustedSec, LLC</i>	Aug. 2-5	 Palm – H	3
Adversary Tactics: Detection <i>SpecterOps</i>	Aug. 2-5	 Breakers – F	2
Adversary Tactics: Identity-driven Offensive Tradecraft <i>SpecterOps</i>	Aug. 2-5	 Breakers – E	2
Adversary Tactics: Red Team Operations <i>SpecterOps</i>	Aug. 2-5	 Breakers – K	2
Adversary Tactics: Tradecraft Analysis <i>SpecterOps</i>	Aug. 2-5	 Breakers – L	2
AI Cyber Bootcamp <i>GTK Cyber</i>	Aug. 2-5	 Jasmine – B	3
Applied Data Science & AI for Cybersecurity <i>GTK Cyber</i>	Aug. 2-3 Aug. 4-5	 Jasmine – A	3
Applied Hardware Attacks 1 - Embedded and IoT Systems <i>Joe FitzPatrick & The SecuringHardware.com Team</i>	Aug. 2-3	 Reef – C	2
Applied Hardware Attacks 2 - Hardware Pentesting <i>Joe FitzPatrick & The SecuringHardware.com Team</i>	Aug. 4-5	 Reef – C	2
Applied Network Security <i>Matt Pawloski</i>	Aug. 2-5	 Banyan – A	3
Assessing and Exploiting Control Systems and IIoT <i>Justin Searle / InGuardians</i>	Aug. 2-5	 Palm – D	3
Attacking and Defending Azure and M365 [*NEW* 2025 EDITION] <i>XINTRA</i>	Aug. 2-3 Aug. 4-5	 Mandalay Bay – D	2
Attacking Mobile Applications: Practical Security Testing for Android and iOS <i>Mandiant (now part of Google Cloud)</i>	Aug. 2-5	 Jasmine – F	3
Attacking the Application Supply Chain 2025 <i>AppSecEngineer</i>	Aug. 2-3 Aug. 4-5	 Lagoon – H	2
Automating Reverse Engineering Processes with AI/ML, NLP, and LLMs <i>Malachi Jones, PhD</i>	Aug. 2-5	 Palm – E	3
Automating Security with Open Source <i>Threat Intelligence Pty Ltd</i>	Aug. 2-3 Aug. 4-5	 South Pacific – A	0 NORTH

Class Name	Date	Location	Level
Azure Cloud Attacks for Red and Blue Teams - Advanced Edition <i>Altered Security</i>	Aug. 2-5	 Coral – A	0 NORTH
Azure Hacking Fundamentals <i>HackersAcademy.com</i>	Aug. 2-3 Aug. 4-5	 Coral – C	0 NORTH
Azure intrusion for red teamers <i>Synacktiv</i>	Aug. 2-5	 Breakers – I	2
Basic Infrastructure Hacking <i>NotSoSecure Training - Part of Claranet Cyber Security</i>	Aug. 4-5	 Lagoon – E	2
Basic Web Hacking <i>NotSoSecure Training - Part of Claranet Cyber Security</i>	Aug. 2-5	 Lagoon – E	2
Binary Exploitation on Windows: Payloads and Pwnage <i>Neodyme</i>	Aug. 2-5	 South Pacific – C	0 NORTH
Black Hat Cryptography: Attacks, Tools & Techniques for Security Professionals <i>Ruben Gonzalez</i>	Aug. 2-3 Aug. 4-5	 Breakers – C	2
Bluetooth Low Energy Hacking Masterclass <i>Slawomir Jasek / smartlockpicking.com</i>	Aug. 2-3 Aug. 4-5	 Banyan – E	3
Breaking BitLocker <i>Popp Schweiz AG</i>	Aug. 2-5	 South Seas – I	3
Breaking GenAI: Offensive Security for Modern AI Systems <i>Dr. Amanda Minnich. Microsoft AI Red Team, Gary Lopez. Microsoft AI Red Team</i>	Aug. 2-3 Aug. 4-5	 Mandalay Bay – C	2
Dark Wolf Solutions UAS Drone Hacking Workshop <i>Dark Wolf Solutions</i>	Aug. 2-5	 South Pacific – D	0 NORTH
Defending Enterprises - 2025 Edition <i>In.security</i>	Aug. 2-3 Aug. 4-5	 Mandalay Bay – I	2
DevSecOps Masterclass: 2025 Edition <i>AppSecEngineer</i>	Aug. 2-5	 Lagoon – J	2
EXP-401: Advanced Windows Exploitation (OSEE) <i>OffSec Powered by Applied Technology Academy</i>	Aug. 2-5	 South Seas – C	3
Hacking Bureaucracy <i>Kopidion</i>	Aug. 2-3	 Tradewinds – D	0 NORTH
Hacking Cybersecurity Leadership: An Interactive Training to Strengthen Skills for Leading Teams & Multi-Team Systems <i>MultiTeam Solutions</i>	Aug. 2-3 Aug. 4-5	 Oceanside – E	2
Hacking Enterprises - 2025 Red Edition <i>In.security</i>	Aug. 2-3 Aug. 4-5	 Mandalay Bay – J	2
Implementation of telco networks for pentesters: 2G, 4G and 5G <i>Ethon Shield</i>	Aug. 2-3 Aug. 4-5	 Coral – B	0 NORTH
Industrial Control Systems: Build, Break, Secure <i>Arnaud SOULLIE</i>	Aug. 2-5	 Banyan – B	3
IntelTechniques 2-Day OSINT Training <i>IntelTechniques</i>	Aug. 2-3	 Lagoon – G	2
Intermediate RF Reverse Engineering with SDR <i>Paul Clark</i>	Aug. 4-5	 Tradewinds – F	0 NORTH
Introduction to Building and Reversing Digital Radios with SDR <i>Paul Clark</i>	Aug. 2-3	 Tradewinds – F	0 NORTH
iOS Threat Hunting and Malware Analysis <i>Matthias Frielingsdorf</i>	Aug. 2-5	 South Seas – B	3
Mastering macOS Threat Detection and Incident Response: A Hands-On Blue Team Training <i>Surya Teja Masanam, Saksham Tushar, Danish Ansari</i>	Aug. 2-3 Aug. 4-5	 Jasmine – H	3
Offensive Mobile Reversing and Exploitation <i>8kSec</i>	Aug. 2-5	 South Seas – J	3
Operational Purple Teaming For Defenders <i>Dennis Van Elst - DXC Technology, Thomas Eugène - Zetes Industries</i>	Aug. 2-5	 Shell Seekers – A	0 NORTH
PEN-200: Penetration Testing with Kali Linux PWK/OSCP <i>OffSec Powered by Applied Technology Academy</i>	Aug. 2-5	 South Seas – D	3
Physical Penetration, RFID Hacking, & Electronic Access Control Systems <i>Red Team Alliance</i>	Aug. 2-5	 Mandalay Bay – L	2
Pipeline to Pwn: Mastering Modern CI/CD Attack Chains <i>Praetorian</i>	Aug. 4-5	 Banyan – D	3
Practical GenAI for Threat Intel: Real-World Applications in Advanced Threat Intelligence <i>Thomas Roccia</i>	Aug. 2-3 Aug. 4-5	 South Seas – A	3
Python Hacker Bootcamp: Zero to Hero <i>Snowfensive</i>	Aug. 2-3 Aug. 4-5	 Jasmine – G	3
Red Team Tactics (formerly Intrusion Operations) <i>Red Siege</i>	Aug. 2-5	 Shell Seekers – B	0 NORTH
Reverse Engineering Firmware with Ghidra <i>Tetrel Security</i>	Aug. 4-5	 Jasmine – C	3
Rise of the Agents: Building Autonomous LLM-based AI Agents for Security <i>Roberto Rodriguez</i>	Aug. 2-3 Aug. 4-5	 South Seas – H	3
System Forensics, Incident Handling & Threat Hunting <i>Paula Januszkiewicz, Amr Thabet, Marcin Krawczyk</i>	Aug. 4-5	 Palm – C	3
Tactical Recon for Pentesters - 2025 Edition <i>RedHunt Labs</i>	Aug. 2-3	 Palm – C	3
The Art of Hacking <i>NotSoSecure Training - Part of Claranet Cyber Security</i>	Aug. 2-5	 Lagoon – E	2
The Shellcode Lab <i>Threat Intelligence Pty Ltd</i>	Aug. 2-3 Aug. 4-5	 South Pacific – B	0 NORTH
Theory and Practice: Machine Learning Security Threats and Vulnerabilities (Zero to Hero) <i>Abraham Kang, Laurent Simon, Kunal Patel</i>	Aug. 2-5	 Mariners – B	0 NORTH
Threat Intel Crash Course: Cyber Threats, Stories, and Strategies <i>Andy Piazza and John Stoner</i>	Aug. 2-3	 Banyan – C	3
Web Hacking Black Belt Edition <i>NotSoSecure Training - Part of Claranet Cyber Security</i>	Aug. 2-5	 Lagoon – D	2
WEB-300 – Advanced Web Attacks and Exploitation <i>OffSec Powered by Applied Technology Academy</i>	Aug. 2-5	 Jasmine – D	3
Windows Kernel Rootkit Techniques <i>T.Roy, CodeMachine</i>	Aug. 2-5	 Banyan – F	3

Training Schedule

Sat, Aug 2		
9:00 AM - 10:00 AM	Continental Breakfast	
10:00 AM	Classes Start	
12:30 PM - 1:45 PM	Lunch Break	
4:00 PM - 4:15 PM	Coffee Service	
7:00 PM	Classes End	
Sun, Aug 3 – Tues, Aug 5		
8:00 AM - 9:00 AM	Continental Breakfast	
9:00 AM	Classes Start	
10:30 AM - 10:45 AM	Coffee Service	
12:30 PM - 1:45 PM	Lunch Break	
4:00 PM - 4:15 PM	Coffee Service	
6:00 PM	Classes End	

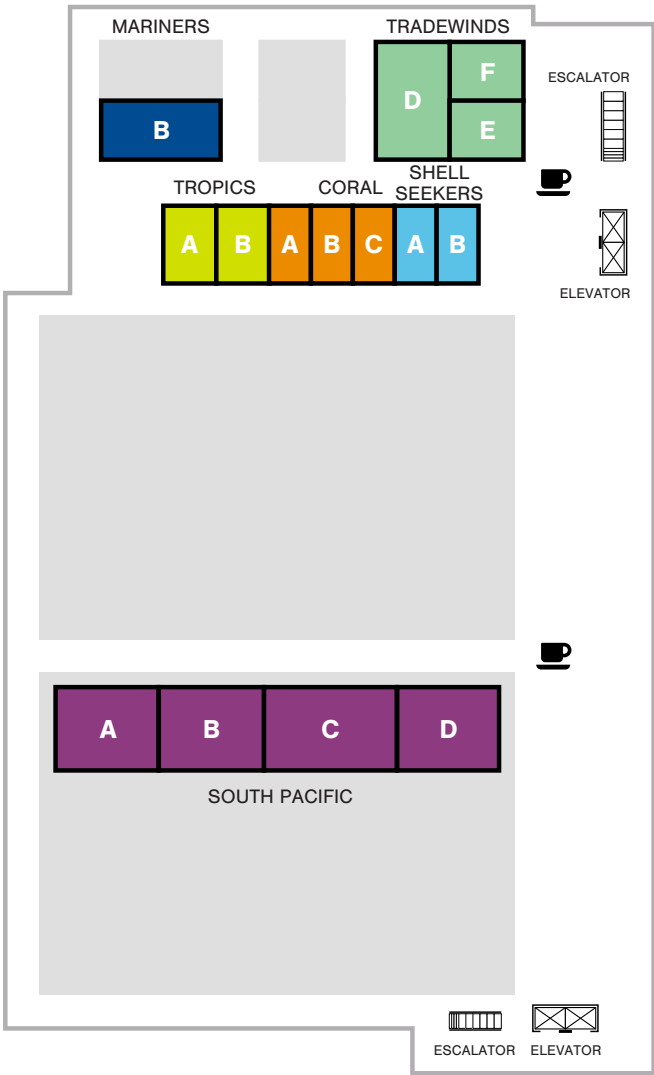
Trainings Notes

- ▶ All Training materials are distributed in your classroom.
- ▶ If you have registered for both Training and Briefings, you DO NOT need to check in again for Briefings.
- ▶ Lunch Break: Lunch will be provided (Saturday – Tuesday) from 12:30 PM to 1:45 PM in Shoreline on Level 2. Lunch will only be provided on the days you are registered for training. You must present your training badge to enter the lunch area. No students will be permitted to stay in the classrooms unattended during Lunch. Rooms will be unlocked starting at 1:15 PM with the trainer's presence. Please plan accordingly. Black Hat is not responsible for items/equipment stored in these rooms. We do advise that attendees take their laptops and belongings with them during lunch breaks and at the end of each day.
- ▶ If you find that your class is not a good fit, please complete a Class Change Request Form (available from Black Hat Registration), have your instructor sign the form (instructor MUST sign form), and bring the signed form, along with your training tickets back to Black Hat Registration. Course seating is subject to availability. You may transfer a maximum of one (1) time. You must make this request no later than 2:00 pm on day one of the course.
- ▶ Please be responsible: Do NOT lose, misplace or forget your badge. Lost, misplaced, stolen, or forgotten badges will incur a replacement fee equal to the original purchase amount of your pass. If your badge was complimentary, the fee will be the current, on-site rate.
- ▶ Remember to bring your own laptop, charging cables, adapters, or power converters. Show management will not be providing them.
- ▶ Black Hat now issues all Training Certificates of Completion in digital format. Digital credentials - a traditional looking certificate, and more modern badge - provide a more sustainable, verifiable and secure pathway for Black Hat Training attendees to share their achievements. Certificates and badges will be sent to the email address associated with the attendee registration. Certificates will not be issued to attendees not physically present at their registered Training course. For any questions or issues with your certificate, please contact: certificates@blackhat.com.
- ▶ Trainings Evaluations: Your feedback on the quality and relevancy of your course helps us improve future Black Hat Trainings. Please complete the written evaluation provided by your instructor at the end of your Training.

NORTH CONVENTION CENTER

Level 0, North

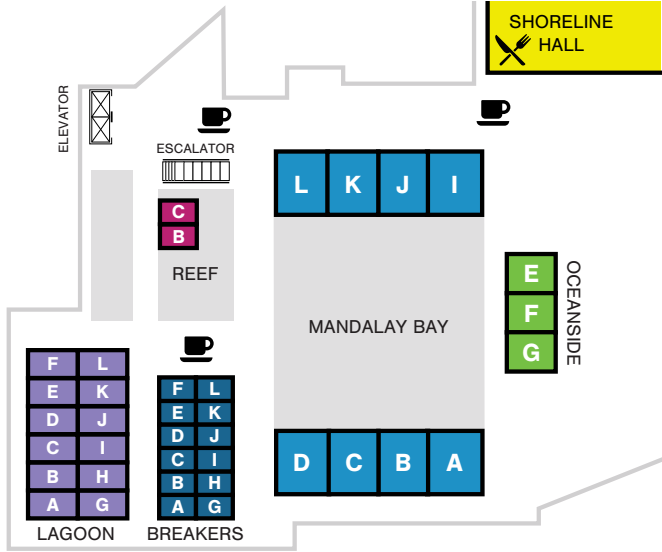
- Coral**
Rooms A, B, C
- Mariners**
Room B
- Shell Seekers**
Rooms A, B
- South Pacific**
Rooms A-D
- Tradewinds**
Rooms D-F
- Tropics**
Rooms A, B



SOUTH CONVENTION CENTER

Level 2

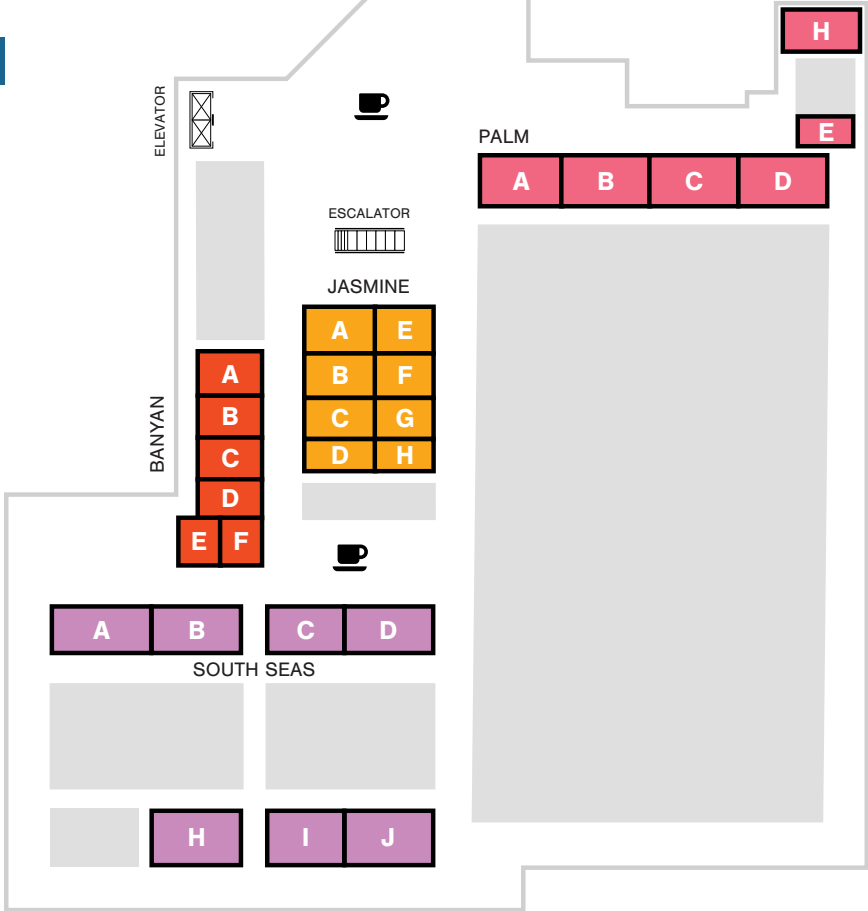
- Breakers**
Rooms A-L
- Lagoon**
Rooms A-L
- Mandalay Bay**
Rooms A-D, I-L
- Oceanside**
Room E-G
- Reef**
Rooms B, C
- Shoreline Hall**
Meal Room



SOUTH CONVENTION CENTER

Level 3

- Banyan**
Rooms A-F
- Jasmine**
Rooms A-H
- Palm**
Rooms A-E, H
- South Seas**
Rooms A-D, H-J



Upcoming Training Events

- Black Hat Fall Online Trainings**
Virtual
October 20 – 23, 2025
 - Black Hat Europe**
London
December 8 – 11, 2025
 - Black Hat Asia**
Singapore
April 21 – 24, 2026
- For more information, please visit blackhat.com/trainings

Trainings Meals

- Trainings Day coffee break (only) locations:**
 - Level 3:** Palm Foyer / South Seas Foyer
 - Level 2:** Mandalay Bay Foyer / Breakers Registration Desk
 - North Convention Center:**
South Pacific Reg Desk / Bayview Court North Hallway
- Meals will be held in **Shoreline** on Level 2.
- A Trainings pass is required to enter the meals area.