

SANS

Security West 2025

San Diego, CA | May 5–10

#SANSSecurityWest  @SANSInstitute



PROGRAM GUIDE

SANS SECURITY WEST 2025

Welcome Reception

Monday, May 5 | 5:30–6:30 PM

Coronado Foyer + Terrace (LEVEL 4/HARBOR)

Join the industry's most powerful gathering of cybersecurity professionals at the Welcome Reception! Enjoy appetizers, libations, and networking before settling into the night's featured Keynote presentation from Dmitri Alperovitch.

Get your book signed at the Welcome Reception!

Complimentary copies of Alperovitch's book, *World on the Brink: How America Can Beat China in the Race for the 21st Century* will be given to the first 150 who attend!

Book signing and reception will take place before the thrilling Keynote presentation. We hope to see you there!



Develop and practice real-world skills
to be prepared to defend your environment.



Thursday, May 8

&

Friday, May 9

6:30–9:30 PM

Coronado Ballroom D/E (LEVEL 4/HARBOR)

All In-Person students who registered to attend a course at SANS Security West 2025 are eligible to play NetWars for FREE. Space is limited. Please register for NetWars through your SANS Account Dashboard.

Extend Your Training

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Add an OnDemand Bundle to your course.

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- Four months of supplemental online review
- 24/7 online access to your course lectures, materials, quizzes, and labs
- Subject-matter-expert support to help you increase your retention of course material

OnDemand Bundle price: \$999

sans.org/ondemand/bundles

Validate Your Training

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CERTIFICATIONS

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Get Certified with GIAC Certifications

- Distinguish yourself as an information security leader
- 30+ GIAC cybersecurity certifications available
- Two practice exams included
- Four months of access to complete the attempt

GIAC Certifications Bundle price: \$999

giac.org

GENERAL INFORMATION

Venue

Manchester Grand Hyatt

1 Market Place | San Diego, CA 92101

Phone: 619-232-1234

Event Check-In | Badge & Courseware Distribution

Location: Coronado Foyer (LEVEL 4/HARBOR)

Sunday, May 4 4:00–6:00 PM

Monday, May 5 7:00–8:30 AM

Registration Support

Location: Nautical (LEVEL 4/HARBOR)

Monday, May 5–Friday, May 9 8:00 AM–5:30 PM

Saturday, May 10 8:00 AM–2:00 PM

Course Breaks

Morning Coffee 7:00–9:00 AM

Morning Break* 10:30–10:50 AM

Lunch (ON YOUR OWN) 12:15–1:30 PM

Afternoon Break* 3:00–3:20 PM

*Snack and coffee to be provided during these break times.

Parking

Self-parking is available for \$45 per day at the Manchester Grand Hyatt.*

*Parking rates are subject to change.

Photography Notice

SANS may take photos of classroom activities for marketing purposes. SANS Security West 2025 attendees grant SANS all rights for such use without compensation, unless prohibited by law.

Feedback Forms and Course Evaluations

SANS is committed to offering the best information security training, and that means continuous course improvement. Your student feedback is a critical input to our course development and improvement efforts. Please take a moment to complete the electronic evaluation posted in your class Slack channel each day.

Wear Your Badge

To confirm you are in the right place, SANS Work-Study participants will be checking your badge for each course and event you enter. For your convenience, please wear your badge at all times.

Bootcamp Sessions and Extended Hours

The following classes have evening bootcamp sessions or extended hours. For specific times, please refer to pages 4–6.

Bootcamps (Attendance Mandatory)

LDR414: SANS Training Program for CISSP® Certification™

SEC401: Security Essentials: Network, Endpoint, and Cloud™

SEC540: Cloud Security and DevSecOps Automation™

Extended Hours:

SEC504: Hacker Tools, Techniques, and Incident Handling™

COURSE SCHEDULE

Time: 9:00 AM–5:00 PM (Unless otherwise noted)

NOTE: All classes begin at 8:30 AM on Day 1 (Monday, May 5)

FOR500 Windows Forensic Analysis™ (6-DAY COURSE)
Lodrina Cherne Cityview B (LEVEL 32/SEAPORT)

FOR508 Advanced Incident Response, Threat Hunting & Digital Forensics™ (6-DAY COURSE)
Carlos Cajigas Coronado Ballroom A (LEVEL 4/HARBOR)

FOR509 Enterprise Cloud Forensics & Incident Response™
(6-DAY COURSE)
Pierre Lidome Skyline (LEVEL 32/SEAPORT)

FOR572 Advanced Network Forensics: Threat Hunting, Analysis, and Incident Response™ (6-DAY COURSE)
Brian Olson Vista A (LEVEL 32/SEAPORT)

FOR577 Linux Incident Response and Threat Hunting™ (6-DAY COURSE)
Jim Clausing Hillcrest C (LEVEL 3/SEAPORT)

FOR578 Cyber Threat Intelligence™ (6-DAY COURSE)
Peter Szczepankiewicz Vista B (LEVEL 32/SEAPORT)

FOR589 Cybercrime Intelligence™ (6-DAY COURSE)
Kevin Ripa, Conan Beach Cityview A (LEVEL 32/SEAPORT)

FOR610 Reverse-Engineering Malware: Malware Analysis Tools and Techniques™ (6-DAY COURSE)
Michael Murr Vista C (LEVEL 32/SEAPORT)

ICS515 ICS Visibility, Detection, and Response™ (6-DAY COURSE)
Dean Parsons Coronado B (LEVEL 4/HARBOR)

ICS612 ICS Cybersecurity In-Depth™ (5-DAY COURSE)
Jason Dely America's Cup D (LEVEL 4/HARBOR)

LDR414 SANS Training Program for CISSP® Certification™
(6-DAY COURSE)
Seth Misenaar Hillcrest B (LEVEL 3/SEAPORT)
Hours: 8:30 AM–7:00 PM (Day 1); 8:00 AM–7:00 PM (Days 2–5)
8:00 AM–5:00 PM (Day 6)

LDR512 Security Leadership Essentials for Managers™
(5-DAY COURSE)
My-Ngoc Nguyen America's Cup B (LEVEL 4/HARBOR)

LDR514 Security Strategic Planning, Policy & Leadership™
(5-DAY COURSE)
Frank Kim America's Cup A (LEVEL 4/HARBOR)

SEC301 Introduction to Cyber Security™ (5-DAY COURSE)
Doc Blackburn Regatta B (LEVEL 4/HARBOR)

SEC401 Security Essentials: Network, Endpoint & Cloud™
(6-DAY COURSE)
Bryan Simon Hillcrest A (LEVEL 3/SEAPORT)
Hours: 8:30 AM–7:00 PM (Day 1); 9:00 AM–7:00 PM (Days 2–5)

SEC497 Practical Open-Source Intelligence (OSINT)™ (6-DAY COURSE)
Mick Douglas Banker's Hill (LEVEL 3/SEAPORT)

SEC504 Hacker Tools, Techniques & Incident Handling™
(6-DAY COURSE)
Kevin Tyers Hillcrest D (LEVEL 3/SEAPORT)
Hours: 8:30 AM–7:15 PM (Day 1)

SEC522 Application Security: Securing Web Applications, APIs, and Microservices™ (6-DAY COURSE)
Dr. Johannes Ullrich Ocean Beach (LEVEL 3/SEAPORT)

SEC530 Defensible Security Architecture & Engineering: Implementing Zero Trust for the Hybrid Enterprise™
(6-DAY COURSE)
Eric Conrad Torrey Hills A (LEVEL 3/SEAPORT)

SEC540 Cloud Native Security and DevSecOps Automation™
(5-DAY COURSE)
Ahmed Abugharbia Torrey Hills B (LEVEL 3/SEAPORT)
Hours: 8:30 AM–7:00 PM (Day 1); 9:00 AM–7:00 PM (Days 2–4)

SEC541 Cloud Security Threat Detection™ (5-DAY COURSE)
Ryan Nicholson America's Cup C (LEVEL 4/HARBOR)

SEC542 Web App Penetration Testing & Ethical Hacking™
(6-DAY COURSE)
Timothy McKenzie Golden Hill A (LEVEL 3/SEAPORT)

SEC549 Cloud Security Architecture™ (5-DAY COURSE)
David Hazar Cortez Hill C (LEVEL 3/SEAPORT)

SEC560 Enterprise Penetration Testing™ (6-DAY COURSE)
Jeff McJunkin Golden Hill B (LEVEL 3/SEAPORT)

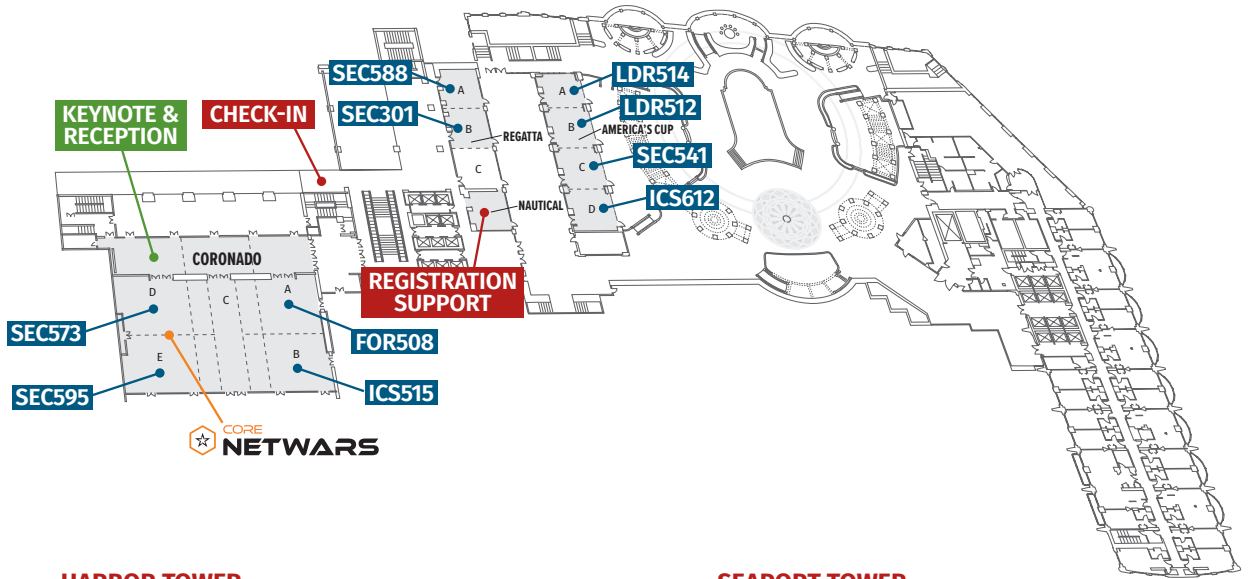
SEC573 Advanced Information Security Automation with Python™ (6-DAY COURSE)
Joshua Barone Coronado Ballroom D (LEVEL 4/HARBOR)

SEC588 Cloud Penetration Testing™ (6-DAY COURSE)
Moses Frost Regatta A (LEVEL 4/HARBOR)

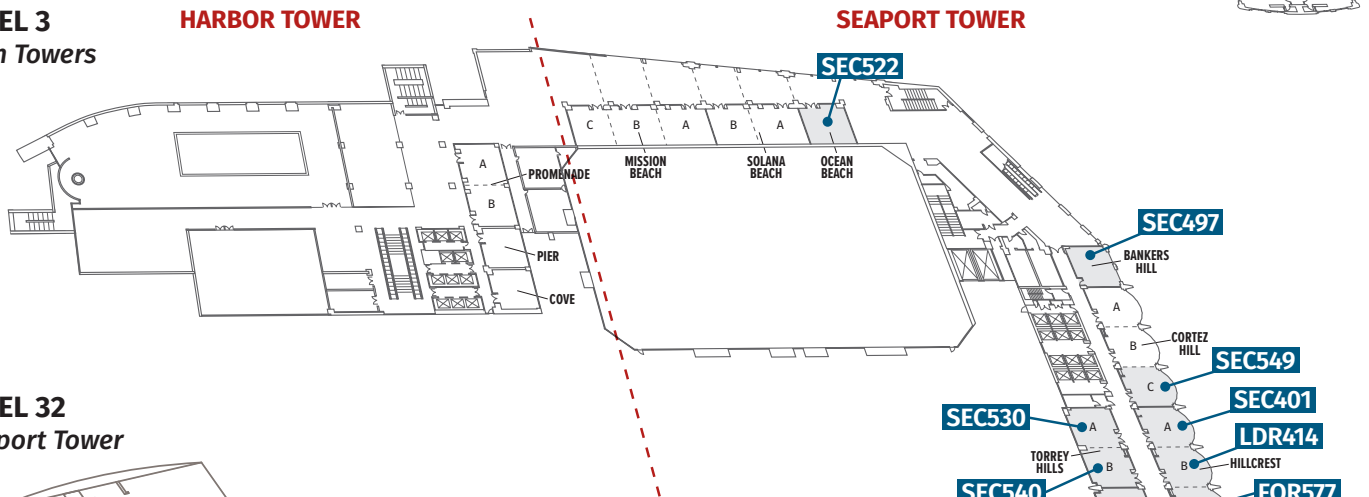
SEC595 Applied Data Science & AI/Machine Learning for Cybersecurity Professionals™ (6-DAY COURSE)
David Hoelzer Coronado Ballroom E (LEVEL 4/HARBOR)

HOTEL FLOOR PLAN

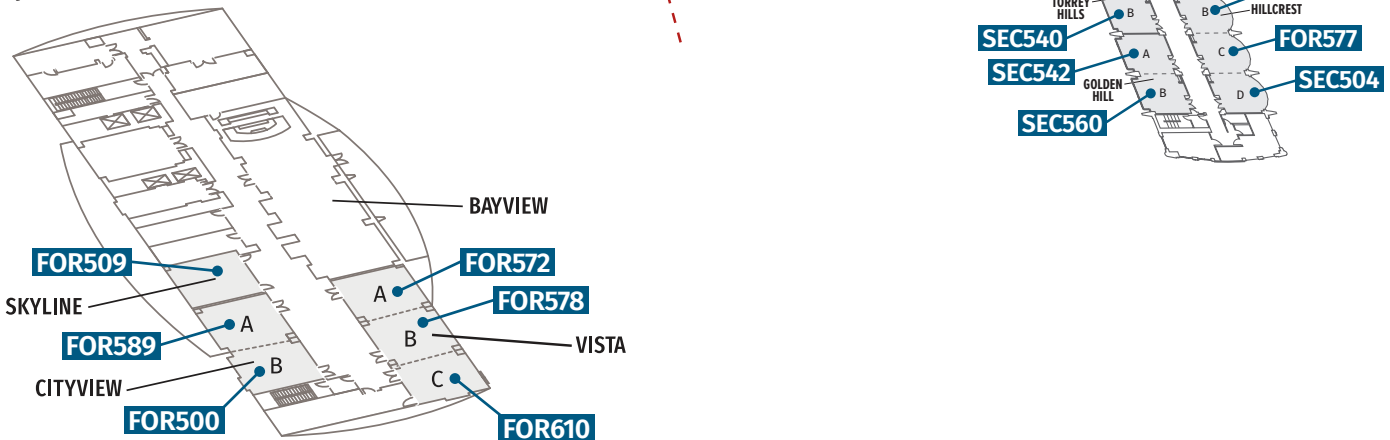
LEVEL 4 Harbor Tower



LEVEL 3 Both Towers



LEVEL 32 Seaport Tower



BONUS SESSIONS

Enrich Your SANS Experience!

Talks by our faculty and selected subject-matter experts help you broaden your knowledge, get the most for your training dollar, and hear from the voices that matter in network and computer security.

RECEPTION

SANS Security West 2025 Welcome Reception

DATE/TIME: **Monday, May 5 | 5:30–6:30 PM**

LOCATION: **Coronado Foyer + Terrace (LEVEL 4/HARBOR)**

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SPECIAL EVENT

Puppy Cuddle Break

DATE/TIME: **Tuesday, May 6 | 12:00–2:00 PM**

LOCATION: **Coronado Foyer (LEVEL 4/HARBOR)**

Join The Animal Pad of San Diego Puppy Party Ambassadors for a fun, stress-busting puppy party. Take a break from the firehose that is SANS training to cuddle with some cute, adoptable pups and rejuvenate before returning to class.



SPONSORED EVENT

Lunch & Learn: When Shift Happens: Are You Ready for Unpredictable Cryptographic Events?

DATE/TIME: **Tuesday, May 6 | 12:30–1:15 PM**

LOCATION: **Coronado A (LEVEL 4/HARBOR)**

SPEAKER: **Mike Nelson, VP of Digital Trust, DigiCert**

FEATURED KEYNOTE

World on the Brink: *The Future of Cyber in War*



DATE: **Monday, May 5**

TIME: **6:30–8:00 PM**

LOCATION: **Coronado Ballroom
(LEVEL 4/HARBOR)**

SPEAKER: **Dmitri Alperovitch**, Co-Founder and Chairman of Silverado Policy Accelerator, national best-selling author of “World on the Brink: How America Can Beat China in the Race for the 21st Century”

Despite much hype, offensive cyber capabilities have had a relatively minor role in recent wars and have thus far provided very few strategic effects to the war effort—either in Ukraine, Middle East or other conflicts around the world. How might that change in a future war? Dmitri Alperovitch will provide a detailed exploration of scenarios of integration of cyber and kinetic effects in future conflicts.

SPONSORED EVENT

Lunch & Learn: Effective Risk Management in the Era of GenAI

LevelBlue

DATE/TIME: **Tuesday, May 6 | 12:30–1:15 PM**

LOCATION: **Coronado D** (LEVEL 4/HARBOR)

SPEAKER: **Keith Thomas, Practice Lead – Cyber Operations, LevelBlue**

SANS@NIGHT

Developers, Developers, Developers: Three Ways How Your Software Supply Chain is Attacked

DATE/TIME: **Tuesday, May 6 | 6:00–7:00 PM**

LOCATION: **Coronado A** (LEVEL 4/HARBOR)

SPEAKER: **Dr. Johannes Ullrich, SANS Faculty Fellow**

Developers are your software supply chain. Recent attacks against Lastpass, 3CX, Solarwinds, and others have illustrated the oversized impact of attacks against developers. Several attacks are explicitly targeting developers. In this presentation, you will learn how developers are exposed to these attacks and why it is difficult to recognize and prevent them. The presentation will show how you can assist developers in maintaining the integrity of the software build process.

SPECIAL EVENT

Wellness Wednesday: Embarcadero Trail 5k Walk/Run

DATE/TIME: **Wednesday, May 7 | 6:45–8:00 AM**

LOCATION: **Meet in the Lobby** (LOBBY LEVEL)

Seize the day and get your steps in before class! SANS invites you to join for a morning walk or run along the Embarcadero Trail. We will meet at 6:45am in the lobby and head north along the trail to the B Street Pier along the beautiful North San Diego Bay. You are welcome to stay with a group or move at your own pace. Refreshments will be provided afterwards.

SPONSORED EVENT

Vendor Solutions Expo – Breakfast

DATE/TIME: **Wednesday, May 7 | 7:30–9:00 AM**

LOCATION: **Regatta Foyer** (LEVEL 4/HARBOR)

SPONSORED EVENT

Vendor Solutions Expo – Lunch

DATE/TIME: **Wednesday, May 7 | 12:15–1:30 PM**

LOCATION: **Regatta Foyer** (LEVEL 4/HARBOR)

RECEPTION

SANS Community Night: Strengthening Connections in Cybersecurity

DATE/TIME: **Wednesday, May 7 | 6:00–7:00 PM**

LOCATION: **Coronado Foyer** (LEVEL 4/HARBOR)

Join us for a special “Community Night” reception at SANS Security West 2025. This gathering is open to all cybersecurity professionals and designed to foster connections across the entire spectrum of our community—from newcomers to seasoned experts.

Celebrate the enduring spirit of learning and collaboration that defines the SANS community. Whether you are a new student, a long-time alum, or a cybersecurity professional passionate about the latest advancements, this evening offers an exceptional opportunity to network, share insights, and discuss the evolving challenges and solutions in cybersecurity.

Join SANS staff, faculty, and peers in the field for an inspiring night filled with bites, beverages, and connections. This is your chance to blend past experiences with new insights, building lasting relationships and strengthening our collective efforts in the cybersecurity landscape.

SANS@NIGHT

SANS Community Night Talk: The Past, Present, and Future of Cloud Security at GitHub

DATE/TIME: **Wednesday, May 7 | 7:00–8:00 PM**

LOCATION: **Coronado A** (LEVEL 4/HARBOR)

SPEAKER: **Kevin Tyers, Certified Instructor**

GitHub operates one of the world’s largest developer platforms, hosting hundreds of millions of repositories and serving millions of users globally. Securing this cloud infrastructure requires a careful balance between developer agility and robust, scalable security controls. In this talk, we’ll explore how GitHub secures its cloud infrastructure, focusing on protecting the critical resources developers rely on. We’ll dive into the history, evolution, and future of GitHub’s security approach, highlighting the strategies that safeguard the platform powering the world’s software development.

BONUS SESSIONS

SANS COMMUNITY NIGHT HANDS-ON WORKSHOP

Cyber42: Transformational Leader

DATE/TIME: **Wednesday, May 7 | 7:00–9:00 PM**

LOCATION: **Coronado D** (LEVEL 4/HARBOR)

SPEAKER: **My-Ngoc Nguyen, Principal Instructor**

Practice your strategic decision-making skills in an engaging, fun, and collaborative environment. Cyber42 is a leadership simulation game that puts you in real-world scenarios that security managers, leaders, and officers find themselves facing daily. Prepare for real-world issues through uniquely crafted cybersecurity challenges. With enterprises in need of protecting against an endless and increasing onslaught of information security threats, technology management skills alone are no longer sufficient. Today it is about technology, business strategy, and people. Cybersecurity leaders need to be up to speed on information security issues from a technical standpoint, understand how to implement security planning into the broader business objectives, and be able to build a longer lasting security and risk-based culture. Adjusting employees' and leadership's way of thinking about security to prioritize and act to prevent today's most common cybersecurity attacks requires organizational change that affects the foundational culture of the organization. Cyber42 is a leadership simulation game that puts you in the driver's seat of making tough executive calls on behalf of a fictitious organization that needs your expertise. Each outcome will be followed by thoughtfully crafted group discussion. The winner will be decided by who makes the strongest security cultural impact to the fictitious organization.

RECEPTION & HANDS-ON WORKSHOP

DFIR Bytes: Uncovering the Mystery of the Discovered USB Stick

DATE/TIME: **Thursday, May 8 & Friday, May 9**

RECEPTION: **6:00–6:30 PM** | WORKSHOP: **6:30–8:30 PM**

LOCATION: **Coronado A/B** (LEVEL 4/HARBOR)

SPEAKER: **Kathryn Hedley, Certified Instructor**

A mysterious USB stick has been found in a car park, and it's up to you to uncover the secrets it holds. Over two nights, participants will dive into the fundamentals of digital forensics, following a step-by-step guided investigation.

You will learn how to:

- Process and analyze a forensic image using a variety of free tools
- Recognize and recover deleted data
- Parse data and metadata
- Locate and analyze key artifacts used by attackers

This hands-on case simulation will teach you practical, job-ready skills, leveraging modern forensic techniques to solve a real-world DFIR case investigation.

CYBER RANGES

Core NetWars Tournament



DATE/TIME: **Thursday, May 8 & Friday, May 9 | 6:30–9:30 PM**

LOCATION: **Coronado D/E** (LEVEL 4/HARBOR)

The most comprehensive of the NetWars ranges, this ultimate multi-disciplinary cyber range powers up the most diverse cyber skills. This range is ideal for advancing your cybersecurity prowess in today's dynamic threat landscape. The winning team and the top five solo players from every NetWars tournament throughout the year are offered a chance to compete in the annual SANS NetWars Tournament of Champions.

SAVE THE DATE

SANS Security West 2026 is returning to the Manchester Grand Hyatt May 11–16, 2026

Upcoming SANS Training Events

Security Leadership Nashville	Nashville, TN	Hybrid	May 19–23
Baltimore Spring	Baltimore, MD	Hybrid	Jun 2–7
Cyber Defense Miami	Coral Gables, FL	Hybrid	Jun 2–7
Offensive Operations East	Baltimore, MD	Hybrid	Jun 8–14
Rocky Mountain	Denver, CO	Hybrid	Jun 23–28
SANSFIRE™	Washington, DC	Hybrid	Jul 14–19
Anaheim	Anaheim, CA	Hybrid	Jul 21–26
Huntsville	Huntsville, AL	Hybrid	Jul 28–Aug 2
San Antonio	San Antonio, TX	Hybrid	Aug 4–9
Chicago	Chicago, IL	Hybrid	Aug 11–16
Boston	Boston, MA	Hybrid	Aug 11–16
Virginia Beach	Virginia Beach, VA	Hybrid	Aug 18–23
Emerging Threats: Leadership Response	Virginia Beach, VA	Hybrid	Aug 25–29
Stay Sharp: Sept		Virtual (ET)	Sep 8–10
Raleigh	Raleigh, NC	Hybrid	Sep 15–20
Network Security™	Las Vegas, NV	Hybrid	Sep 22–27
DC Metro Fall	Rockville, MD	Hybrid	Sep 29–Oct 4
San Diego Fall	San Diego, CA	Hybrid	Oct 20–25
Orlando Fall	Orlando, FL	Hybrid	Oct 27–Nov 1
Stay Sharp: Nov		Virtual (ET)	Nov 12–14
DFIRCON Miami	Coral Gables, FL	Hybrid	Nov 16–22
San Francisco Fall	San Francisco, CA	Hybrid	Nov 17–22
Dallas	Dallas, TX	Hybrid	Dec 1–6
Cyber Defense Initiative®	Washington, DC	Hybrid	Dec 12–17
CyberCon San Diego 2026	San Diego, CA	Hybrid	Feb 23–28