SEI Bulletin

New SEI Course Teaches How to Develop a National or Government CSIRT

July 31, 2024—A new SEI course on developing a computer security incident response team (CSIRT) for national or government organizations will debut October 8-9, live online. The course is intended for those responsible for developing a national or government CSIRT, managers and project leaders of other types of CSIRTs, C-level managers, and those in organizations that interact with national or government CSIRTs.

Lectures and group exercises will teach how to identify CSIRT enablers and resources, characterize stakeholders, create implementation strategies and plans, describe evaluation methods, and implement process improvements, among other objectives.

“The SEI has over 20 years of experience, engagement, and collaboration with national and government CSIRTs,” said James Lord, technical manager of security operations in the SEI’s CERT Division. “We understand the challenges associated with sharing information and implementing tools,

techniques, and strategies that address problems unique to CSIRTs that are responsible for a nation or economy."

Read more »

Register »

SEI News

Secure Software by Design Event Announces Keynote Speakers and Agenda
The in-person conference will feature speakers on artificial intelligence, APIs, quantum computing, DevSecOps, and other aspects of software security engineering.

Ozkaya Explores Generative AI in Software Architecture During International Conference Keynote
The IEEE International Conference on Software Architecture is the premier event for the field's researchers and practitioners.

See more news »

Latest Blogs

Weaknesses and Vulnerabilities in Modern AI: Why Security and Safety Are so Challenging
Bill Scherlis explores concepts of security and safety for neural-network-based AI, including ML and generative AI, as well as AI-specific challenges in developing safe and secure systems.

Auditing Bias in Large Language Models
Katherine-Marie Robinson and Violet Turri discuss recent research that uses a role-playing scenario to audit ChatGPT, an approach that opens new possibilities for revealing unwanted biases.

See more blogs »

Latest Podcasts

Evaluating Large Language Models for Cybersecurity Tasks: Challenges and Best Practices
Jeff Gennari and Sam Perl discuss applications for LLMs in cybersecurity, potential challenges, and recommendations for evaluating LLMs.

Capability-Based Planning for Early-Stage Software Development
Bill Nichols and Anandi Hira introduce capability-based planning (CBP) and its use and application in software acquisition.

See more podcasts »

Latest Videos

Generative AI and Software Engineering Education
SEI experts in software engineering discuss how generative AI is influencing software engineering education.

Secure Systems Don't Happen by Accident
Timothy A. Chick discusses how security is an integral aspect of the entire software lifecycle.

Latest Publications

A Model Problem for Assurance Research: An Autonomous Humanitarian Mission Scenario
This report describes a model problem to support research in large-scale assurance.

Application Programming Interface (API) Vulnerabilities and Risks
This report describes 11 common vulnerabilities and 3 risks related to application programming interfaces and provides suggestions about how to fix or reduce their impact.

See more publications »

Upcoming Events

Secure Software by Design, August 6-7
Collaborate on improving software security with two on-site days of panel discussions and presentations plus two optional on-site days of training.

Insider Risk Management Symposium 2024, August 14
Join us to hear about the latest challenges and best practices in insider risk management from recognized leaders in insider threat research and development.

DevSecOps Days Washington D.C. 2024, September 18
This free, in-person event in Arlington, Virginia, will teach how to integrate security into DevOps practices and transform DevSecOps journeys.

International Conference on Conceptual Modeling (ER 2024), October 28-31
The SEI will host the main international forum for discussing the state of the art, emerging issues, and future challenges in research and practice on conceptual modeling.

See more events »

Upcoming Appearances

Emerging Technologies for Defense Conference & Exhibition 2024, August 7-9
Visit the SEI at booth 316.

Billington CyberSecurity Summit, September 3-6
Hear the SEI's Mark Sherman at the leading government cybersecurity summit.

27th Annual Systems & Mission Engineering Conference, October 28-31
Visit the SEI booth at this event.

See more opportunities to engage with us »

Upcoming Training

Developing a National or Government CSIRT
October 8-9 (SEI Live Online)

Insider Risk Management: Measures of Effectiveness
October 29-31 (SEI Live Online)

See more courses »

Employment Opportunities

Software Developer - Advanced Computing Lab

Research Scientist - Advanced Computing Lab

Senior AI Security Researcher

All current opportunities »

Carnegie Mellon University
Software Engineering Institute