SEI Bulletin

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SEI Supports National Cybersecurity Awareness Month with Blog and More

October 11, 2023—This month marks the 20th year the President of the United States and Congress have declared October to be National Cybersecurity Awareness Month (NCSAM), when the public and private sectors work together to raise awareness about the importance of cybersecurity. Three SEI releases this October support the Cybersecurity and Infrastructure Security Agency's NCSAM outreach efforts:

- Secure by Design at CERT - blog post by SEI CERT Division director Greg Touhill
- Cyber Supply Chain Risk Management: No Silver Bullet - webcast recording with the SEI CERT Division's Brett Tucker
- Simulating Realistic Human Activity Using Large Language Model Directives - technical report

Watch our website for upcoming cybersecurity events:

- FloCon 2024 - January 2024

- Supply Chain Risk Management Symposium - February 2024
- Zero Trust Industry Days 2024 - March 2024
- Model-Based Software Engineering Conference - April 2024

Learn more about our new training course Insider Risk Management: Measures of Effectiveness and our professional cybersecurity certificate courses:

- CERT Applied Data Science for Cybersecurity Professional Certificate
- CERT Certificate in Digital Forensics
- CERT Cybersecurity Engineering and Software Assurance Professional Certificate
- CERT Secure Coding in C and C++ Professional Certificate
- CERT Secure Coding in Java Professional Certificate

SEI News

FloCon 2024 Announces Program, Opens Registration
The January conference will include presentations and trainings on applying machine learning and AI to network defense.

To Lead Software and AI Engineering, U.S. Faces Five Critical Needs Says Workshop Summary
A recently released summary of the U.S. Leadership in Software and AI Engineering Workshop outlines national priorities for engineering future software systems.

See more news »

Latest Blogs

Secure by Design at CERT
Greg Touhill highlights the SEI CERT Division's continued and longstanding efforts to ensure security by design in fielded software.

Application of Large Language Models (LLMs) in Software Engineering: Overblown Hype or Disruptive Change?
Ipek Ozkaya, Anita Carleton, John Robert, and Douglas Schmidt explore LLMs in software development, implications of incorporating LLMs into software-reliant systems, and areas where more research is needed.

See more blogs »

Latest Podcasts

Actionable Data in the DevSecOps Pipeline
Bill Nichols and Julie Cohen talk with Suzanne Miller about how automation within DevSecOps product-development pipelines provides new opportunities for program managers to confidently make decisions with the help of readily available data.

Insider Risk Management in the Post-Pandemic Workplace
Dan Costa and Randy Trzeciak discuss how remote work in the post-pandemic world is changing expectations about employee behavior monitoring and insider risk detection.

See more podcasts »

Latest Publications

A Strategy for Component Product Lines: Report 3: Component Product Line Governance
This report provides guidance for the community involved with developing and sustaining product lines of components used by the U.S. government.

Simulating Realistic Human Activity Using Large Language Model Directives
This report explores how activities generated from the GHOSTS Framework's NPC client compare to activities produced by GHOSTS' default behavior and LLMs.

See more publications »

Latest Videos

Cyber Supply Chain Risk Management: No Silver Bullet
Brett Tucker emphasizes using robust enterprise risk management to achieve operational resilience in the cyber supply chain.

Evaluating Trustworthiness of AI Systems
Carol Smith and Carrie Gardner discuss how to evaluate trustworthiness of AI systems given their dynamic nature and the challenges of managing ongoing responsibility for maintaining trustworthiness.

Upcoming Events

DevSecOps Days Washington, D.C., 2023, October 12
At this free, SEI-hosted event, learn how to integrate security into your DevOps practices and transform your DevSecOps journey.

SEI Research Review 2023, November 8
This virtual event will spotlight recent, innovative research projects through a mix of technical presentations and conversations among SEI subject matter experts and their sponsor, customer, and academic collaborators.

See more events »

Upcoming Appearances

CyberShare Summit, October 29-31
The SEI CERT Division's Greg Touhill and Dan Ruef will speak at this event in Pittsburgh, Pa.

See more opportunities to engage with us »

Upcoming Training

Insider Risk Management: Measures of Effectiveness
November 14-16, 2023 (SEI Live Online)

Assessing Information Security Risk Using the OCTAVE Approach
December 12-14, 2023 (SEI Pittsburgh, Pa.)

See more courses »

Employment Opportunities

Senior AI Security Researcher

Cybersecurity Engineer

Machine Learning Engineer

All current opportunities »

Carnegie Mellon University
Software Engineering Institute