SEI Bulletin

Former Federal CISO Touhill Named New Director of CMU SEI CERT Division

April 28, 2021 — The Software Engineering Institute last week announced the appointment of Gregory J. Touhill as director of the SEI's [CERT Division](#). Touhill, a retired Air Force brigadier general, was the first chief information security officer (CISO) of the United States. Previously he served in the Department of Homeland Security (DHS) as deputy assistant secretary, Office of Cybersecurity and Communications, National Programs and Protection Directorate. Most recently he was president of Appgate Federal, a provider of cybersecurity services to government defense and civil agencies.

"I am honored to be selected as the director of the SEI CERT Division to pursue the mission of assuring our nation's cyber defense," said Touhill.

[Read more »](#)

SEI News

President's Cup Cybersecurity Competition Brings Out the Best

The SEI helped the Cybersecurity and Infrastructure Security Agency develop the recently concluded contest for the federal cyber workforce.

Former Federal CISO Touhill Named New Director of CMU SEI CERT Division

Carnegie Mellon University's Software Engineering Institute today announced the appointment of Gregory J. Touhill as director of the SEI's CERT Division.

See more news »

Latest Blogs

Automating System Security with AADL: 11 Rules for Ensuring a Security Model

Aaron Greenhouse presents an approach for modeling and validating confidentiality based on the Bell–LaPadula security model using the Architecture Analysis and Design Language (AADL).

When Your Software's "Check Engine" Light Is On: Identifying Design Problems that Impact Software Failure

Judy Hwang summarizes a roadmap for detecting design problems that can be used to improve software development and performance.

Generating Realistic Non-Player Characters for Training Cyberteams

Dustin Updyke and Tyler Brooks describe improving the realism of non-player characters (NPCs) in training exercises with new software ANIMATOR.

See more blogs »

Latest Podcasts

Mission-Based Prioritization: A New Method for Prioritizing Agile Backlogs

Keith Korzec discusses the Misson-Based Prioritization method for prioritizing Agile backlogs.

My Story in Computing with Carol Smith

Carol Smith talks about transitioning a love of telling people's stories to a career in human-computer interaction.

Digital Engineering and DevSecOps

David Shepard discusses the relationship between the two approaches.

See more podcasts »

Latest Publications

Using Science in Cybersecurity

This book by Leigh B. Metcalf and Jonathan Spring will give readers practical tools for cybersecurity.

Attacking COM via Word RTF

This presentation shows how Microsoft Word 2019 on Windows 10 is not too different from the IE6 ActiveX attack surface.

Modeling and Validating Security and Confidentiality in System Architectures

This report presents an approach for modeling and validating confidentiality using the Bell–LaPadula security model and the Architecture Analysis & Design Language.

See more publications »

Latest Videos

Webcast - AI Engineering: The National Initiative for Human-Centered, Robust and Secure, and Scalable AI

Rachel Dzombak, Matt Gaston, and Frank Redner discuss the national initiative for human-centered, robust and secure, and scalable AI.

[Pathways to Careers in Software](#)
SEI experts describe their jobs and work experiences to teach kids what working in software is like and the skills they need.

Webcast - [Amplifying Your Privacy Program: Strategies for Success](#)
Dan Costa and Carrie Gardner highlight best practices for privacy program planning and implementation.

📅 Upcoming Events

Webcast - [Announcing IEEE 2675 DevOps Standard to Build Reliable and Secure Systems](#), April 28
Our panel discusses personal experiences applying DevOps principles and practices in organizations.

Webcast - [How I Learned to Stop Worrying and Love SLAs](#), May 11
Matt Butkovic and Alan Levine discuss managing third-party relationships, such as pubic cloud service providers.

> **Note:** The SEI is evaluating all upcoming courses, conferences, and events case-by-case in light of COVID-19 developments. Check individual event pages for the latest information.

[See more events »](#)

🏅 Upcoming Training

[Insider Threat Vulnerability Assessor Training](#)
June 8-10, 2021 (SEI, Live Online)

[Software Architecture Design and Analysis](#)
June 14-17, 2021 (SEI, Live Online)

[Documenting Software Architectures](#)
June 15-18, 2021 (SEI, Live Online)

Note: The SEI is evaluating all upcoming courses, conferences, and events case-by-case in light of COVID-19 developments. Check individual training pages for the latest information. You may also contact us at courseregistration@sei.cmu.edu or +1-412-268-7388.

See more courses, including live-online and eLearning offerings »

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Carnegie Mellon University
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