

SEI Bulletin

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Identifying and Preventing the Next SolarWinds

July 5, 2023—In a recent SEI podcast, Greg Touhill, SEI CERT Division director, talks about the 2020 attack on SolarWinds software and how to prevent another major attack on widely used, key systems.

In 2020, a cyberattack leveraging software components from SolarWinds reportedly compromised 250 government agencies. The incident demonstrated the challenges of securing systems that are the product of complex supply chains.

In this podcast, Touhill discusses the need for systems to be secure by design and secure by default, the importance of transparency in the reporting of vulnerabilities and anomalous system behavior, the CERT Acquisition Security Framework, the need to secure data across a wide range of disparate devices and systems, and tactics and strategies for individuals and organizations to safeguard their data and the systems they rely on.

Watch the video on our [website](#) or [YouTube](#). Find the SEI Podcast series wherever you get your podcasts: [Apple Podcasts](#), [Google Podcasts](#), [TuneIn](#),

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[FloCon 2024 Seeks Presentations on Situational Awareness Beyond the Network](#)

The conference on using data to defend enterprise networks will take place in Mobile, Alabama, next January.

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[Latest Blogs](#)

[UEFI: 5 Recommendations for Securing and Restoring Trust](#)

Vijay Sarvepalli expands on concerns brought to light from recent UEFI attacks, such as BlackLotus, and highlights five recommendations to secure and restore trust in the UEFI ecosystem.

[What's Going On in My Program? 12 Rules for Conducting Assessments](#)

William Novak provides 12 rules for successful program or project assessments.

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[Latest Podcasts](#)

[Identifying and Preventing the Next SolarWinds](#)

Gregory J. Touhill, director of the SEI CERT Division, talks with Suzanne Miller about the 2020 attack on SolarWinds software and how to prevent another major attack on key systems that are in widespread use.

[A Penetration Testing Findings Repository](#)

Marisa Midler and Samantha Chaves talk with Suzanne Miller about an open source penetration testing findings repository that they created.

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[Latest Publications](#)

[You Can't Wait for ROI to Justify Model-Based Design and Analysis for Cyber-Physical Systems' Embedded Computing Resources](#)

This paper and its related [presentation](#) propose an alternative approach to ROI for justifying the cost of building architectural models of embedded computing resources for cyber-physical systems.

[Securing UEFI: An Underpinning Technology for Computing](#)

This paper highlights the technical efforts to secure the UEFI-based firmware that serves as a foundational piece of modern computing environments.

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[Latest Videos](#)

[Information Technology Best Practices](#)

Matthew Butkovic interviews Craig Lewis about his role in establishing operating guidelines and network infrastructure best practices for information technology services.

[Develop a Standard Protocol for Access Decisions in Zero Trust](#)

Trista Polaski highlights the importance of developing a standard protocol for access decisions in zero trust.



[Upcoming Events](#)

Webcast - [Will Rust Solve Software Security?](#) July 26

David Svoboda and Joe Sible will evaluate the Rust programming language from a cybersecurity perspective.

Webcast - [What's Wrong with ROI for Model-Based Analysis of Cyber-Physical Systems?](#) August 9

Fred Schenker and Linda Parker Gates discuss the benefits of using a model-based approach to improve the design of a CPS' embedded computing resources.

[DevSecOps Days Washington D.C. 2023](#), October 5

At this free, SEI-hosted event, learn how to integrate security into your DevOps practices and transform your DevSecOps journey.

[See more events »](#)



[Upcoming Appearances](#)

[AFA Air, Space & Cyber Conference 2023](#), September 11-13

Visit the SEI at booth #231 in the exhibitor hall.

[InfoSec World 2023](#), September 25-27

See the SEI's Randy Trzeciak, Tom Scanlon, Hasan Yasar, Tim Chick, and Mark Sherman.

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[Upcoming Training](#)

[Foundations of Incident Management](#)

August 22-25 (SEI Pittsburgh, Pa.)

[Advanced Topics in Incident Handling](#)

November 6-9, 2023 (SEI Live Online)

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