View this email in your browser

Carnegie Mellon University

Software Engineering Institute



SEI Bulletin — January 8, 2020

Stempfley's Testimony on Telecom Supply Chain Informs Congressional Report

Bobbie Stempfley, managing director of the SEI's CERT Division, recently published a blog post that summarizes her September 27, 2019, testimony to the Subcommittee on Communications and Technology of the U.S. House of Representatives Committee on Energy and Commerce. The hearing on "Legislating to Secure America's Wireless Future" focused on how the telecommunications industry can use cutting-edge technology to improve the power of our airwaves while securing our nation's networks. The subcommittee released its findings in a December 16 report.

"The explosion of edge devices, such as mobile phones, within the telecom infrastructure has only increased the attack surface and therefore the responsibility of the telecoms to protect their users," Stempfley writes in her blog post, "4 Elements in Securing the Telecommunications Supply Chain." "Ultimately, securing the supply chain for the telecommunications industry is vital to achieving security at scale."

The post discusses four practice areas that are elements of mature supply chain risk management: relationships, engineering, secure product operations and sustainment, and supply chain technology and infrastructure.

Read "4 Elements in Securing the Telecommunications Supply Chain"

SEI NEWS

- SEI Team Wins 2019 ISLA Award
- <u>SATURN Conference on Software Architecture Opens Call for Submissions</u>
- Forrest Shull and Grace Lewis Elected to IEEE Computer Society
 Leadership

Join Our Mailing List

Visit Our Website



SEI Publications

- <u>Designing Ethical Al Experiences: Checklist and Agreement</u>
- <u>Penetration Tests Are The Check Engine Light</u>
 <u>On Your Security Operations</u>
- <u>Designing Trustworthy Al: A Human-Machine</u>
 <u>Teaming Framework to Guide Development</u>



SEI Blog

Recent posts

- The Top 10 Blog Posts of 2019
- <u>4 Elements in Securing the Telecommunications</u> <u>Supply Chain</u>
- Achieving the Quantum Advantage in Software
- Measuring Resilience in Artificial Intelligence and Machine Learning Systems



SEI Podcast Series

Available in video and audio formats

- Benchmarking Organizational Incident
 Management Practices
- Machine Learning in Cybersecurity: 7 Questions for Decision Makers
- Women in Software and Cybersecurity: Kristi Roth



SEI Events

Featured events

- <u>Software and Cyber Solutions Symposium</u> (<u>SCSS</u>) 2020
- SATURN 2020



SEI Videos

Short videos of SEI work from our experts

- <u>Future Reach Conversation: Countering</u>
 <u>Adversarial Operations Made Possible by Al</u>
- Summarizing and Searching Video (2019)
- <u>Integrating Safety and Security Engineering for Mission-Critical Systems</u>



SEI Training

- Assessing Information Security Risk Using the OCTAVE Approach
 February 4-6, 2020 (SEI Arlington, Va.)
- Insider Threat Analyst
 February 11-13, 2020 (SEI Arlington, Va.)
- Hands-on Threat Detection and Hunt February 25-28, 2020 (SEI Arlington, Va.)



SEI Careers

Featured opportunities

- <u>Senior DevOps Engineer</u>
- Software Engineer
- Machine Learning Research Scientist
- All Current Opportunities

About the SEI Bulletin

The SEI Bulletin is a biweekly newsletter designed to keep you up to date on SEI news, events, research, and other matters of interest to the SEI community. We hope you find the SEI Bulletin useful and informative.

Send Us Your Story

Do you have a story about how an SEI technology has positively affected your team or organization? If so, the SEI would like to hear about it. Send a short summary of your success to info@sei.cmu.edu, and you could be featured in a future issue of the SEI Bulletin.







Our mailing address is

Software Engineering Institute | Carnegie Mellon University | 4500 Fifth Avenue, Pittsburgh, Pa. 15213

info@sei.cmu.edu

Want to change how you receive these emails? You can <u>update your preferences</u> or <u>unsubscribe from this list</u>.