

Carnegie Mellon University
Software Engineering Institute



SEI Bulletin — September 19, 2018

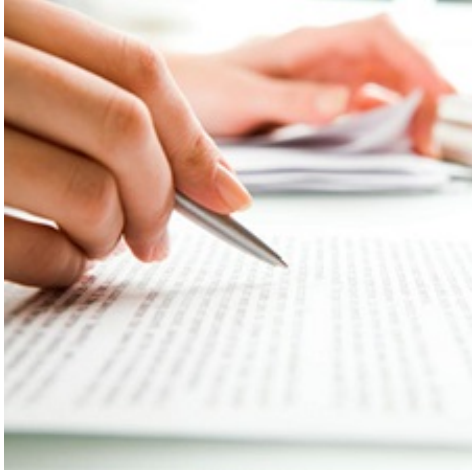
How to Be a Network Traffic Analyst

We are now in the zettabyte ([ZB]; 1,000 exabytes) era and, according to Cisco, annual global IP traffic is expected to reach 3.3 ZB per year by 2021. The role of the analyst in capturing and evaluating ever-increasing volumes of network traffic is crucial to defenders of large-scale organizational networks. Organizations must understand the mission activity on their network and the threats to that activity to achieve network situational awareness. In this podcast, Tim Shimeall and Timur Snoke, researchers in the SEI's CERT Division, examine the role of the network traffic analyst in capturing and evaluating this data.

[Watch or download the podcast.](#)

SEI NEWS

- [Software Engineering Institute Announces New CFO](#)
- [15th Annual Workshop for Educators Plumbs DevOps and Technical Debt](#)
- [CERT Division Releases Downloadable Source Code Analysis Tool](#)



SEI Publications

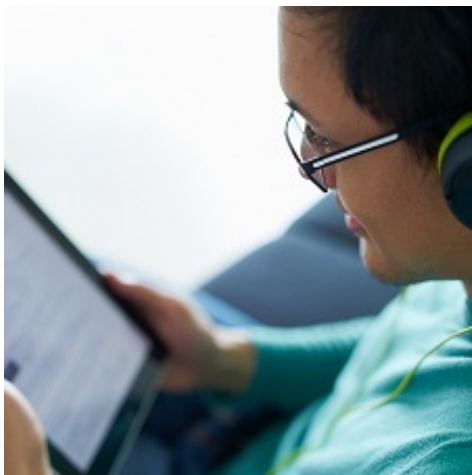
- [Prioritizing Alerts from Multiple Static Analysis Tools Using Classification Models](#)
- [Navigating the Insider Threat Tool Landscape: Low-Cost Technical Solutions to Jump-Start an Insider Threat Program](#)



SEI Blog

Recent posts

- [Scope vs. Frequency in Defining a Minimum Viable Capability Roadmap \(Part 2\)](#)
- [Life Beyond Microsoft EMET](#)



SEI Podcast Series

Available in video and audio formats

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- [The Role of the Software Factory in Acquisition and Sustainment](#)



SEI Events

Featured events

- [Webinar: How Can I Enforce the SEI CERT C Coding Standard Using Static Analysis?](#)
- [FloCon 2019](#)
- [Software and Cyber Solutions Symposium 2019: Acquisition, Security, and the Supply Chain](#)



SEI Cyber Minute

Short video snapshots of SEI work from our experts

- [The Promise of Quantum Computing](#)
- [Addressing Architectural Security Throughout DevOps](#)



SEI Training

- [Insider Threat Vulnerability Assessor Training](#)
October 24-26, 2018 (SEI Arlington, Va.)
- [Insider Threat Analyst](#)
November 7-9, 2018 (SEI Arlington, Va.)



SEI Careers

Featured opportunities

- [Cybersecurity Engineer - Network Resilience Analyst](#)
- [Associate Software Security Analyst](#)
- [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

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