



SEI BULLETIN - May 17, 2017

## Building Analytics for Network Flow Records

Network flow records provide a useful overview of traffic on a network that uses the Internet protocol (IP) to pass information. Huge numbers of bytes and thousands of packets can be summarized by a relatively small number of records, with few privacy concerns and a small record size (which aids both speed of retrieval and duration of storage). However, examining these records to build an awareness of the security situation on a network requires automation, and it can be daunting to develop a process for building the automated analytics. In this archived webinar, the SEI's Timothy Shimeall presents such a development process. Shimeall outlines how to determine what to analyze, how to analyze it in an automated manner, and how to validate and interpret the results.

[Watch the video.](#)

### SEI NEWS

- [CMU Heinz College and Software Engineering Institute Launch Chief Risk Officer Certificate](#)
- [Software Engineering Institute Makes CERT C++ Coding Standard Freely Available](#)
- [SEI CERT Division and State Department Team Up on Sub-Saharan Cybersecurity Effort](#)
- [Participants Enjoy Rich Technical Program at 2017 SEI Software Solutions Symposium](#)
- [CERT Releases Updated Insider Threat Guidebook](#)

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## SEI BLOG

Recent posts:

[Best Practices for Network Border Protection](#)

[Seven Recommendations for Testing in a Non-Deterministic World](#)



## SEI PODCAST SERIES

Available in audio and video formats.

[Distributed Artificial Intelligence in Space](#)

[Verifying Distributed, Adaptive Real-Time Systems](#)



## SEI EVENTS

This week's featured events:

[The Evolving Role of the Chief Risk Officer](#)

[2017 Software Engineering Workshop for Educators](#)



## SEI CYBER MINUTE

SEI experts deliver weekly snapshots of our latest research on the changing world of all things cyber. This week's featured cyber minutes:

[Enterprise Risk Management](#)

[Automated Code Repair](#)



## SEI TRAINING

Upcoming classes:

[TSP Team Member Training](#)  
July 11-13, 2017 (Pittsburgh, Pa.)

[Insider Threat Vulnerability Assessor Training](#)



## SEI CAREERS

This week's featured opportunities:

[Cyber Security Engineer - Exercise Developer](#)

[Network Defense Analyst](#)

#### 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](mailto:info@sei.cmu.edu) and you could be featured in a future issue of the SEI Bulletin.