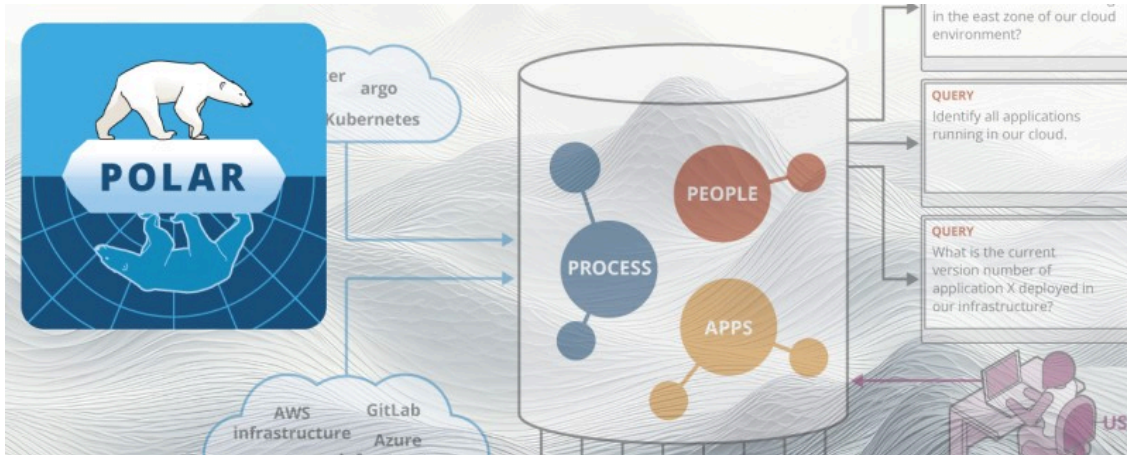


SEI Bulletin

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New SEI Tool Brings Visibility to DevSecOps Pipelines

May 8, 2024—The SEI this week announced the release a tool that visualizes a complete DevSecOps pipeline. Polar is an observability framework that provides a comprehensive picture of a software system’s deployment platform. It unlocks data captured by disparate tools within an organization, helping to answer complex questions about performance and security that are crucial for real-time decision-making and agility in the face of threats.

“Today’s DevSecOps pipelines are complex, and every environment is different,” said Morgan Farrah of the SEI Software Solutions Division. “A common problem many DevSecOps users face is figuring out the relationships and integrations among all the disparate and changing components of their systems. Polar brings visibility into these systems by communicating with and building a graph model of any networked data source that is useful for decision making. This means users can make decisions using real-time information from the components of their entire DevSecOps organization.”

[Learn more »](#)

[Read the blog post »](#)



[SEI News](#)

[IEEE Secure and Trustworthy Machine Learning Conference Awards SEI Researchers' Trojan Finding Method](#)

Their method uses off-the-shelf tools and generative AI to visualize hidden adversarial images in computer vision models.

[2023 Year in Review Highlights Impact of SEI Research and Development](#)

Significant projects in 2023 included work on generative AI, vulnerability management, zero trust, large language models for intelligence, and more.

[See more news »](#)



[Latest Blogs](#)

[Polar: Improving DevSecOps Observability](#)

Morgan Farrah, Vaughn Coates, and Patrick Earl introduce Polar, a DevSecOps framework that visualizes the state of an organization's DevSecOps infrastructure so that data can inform decision making.

[What Recent Vulnerabilities Mean to Rust](#)

David Svoboda examines two vulnerabilities that have rocked the Rust community, causing many to question its safety.

[See more blogs »](#)



[Latest Podcasts](#)

[My Story in Computing with Sam Procter](#)

Sam Procter discusses influences that shaped his career, the importance of

embracing diversity in his research and work, and the value of a work-life balance.

[Developing and Using a Software Bill of Materials Framework](#)

Michael Bandor and Carol Woody discuss a Software Bill of Materials (SBOM) Framework to promote the use of SBOMs and establish a more comprehensive set of practices and processes.

[See more podcasts »](#)



Latest Videos

[Using a Scenario to Reason About Implementing a Zero Trust Strategy](#)

Tim Morrow, Rhonda Brown, and Elias Miller discuss an approach organizations can use to help develop the contextual awareness needed to apply a zero trust strategy.



Latest Publications

[Explainable Verification: Survey, Situations, and New Ideas](#)

This report focuses on potential changes in software development practice and research that would help tools used for formal methods explain their output, making software practitioners more likely to trust them.

[2023 SEI Year in Review](#)

The 2023 SEI Year in Review highlights the work of the institute undertaken during the fiscal year spanning October 1, 2022, to September 30, 2023.

[Zero Trust Industry Days 2024 Scenario: Secluded Semiconductors, Inc.](#)

This scenario will guide discussions of solutions, submitted to Zero Trust Industry Days, to the challenges of implementing zero trust.

[See more publications »](#)



Upcoming Events

[Zero Trust Industry Days 2024](#), May 14-15

The SEI hosts the Zero Trust Industry Days request-for-information exercise to collect information from those who develop solutions for implementing a zero trust architecture.

[Secure Software by Design](#), August 6-7

Collaborate on improving software security with two on-site days of panel discussions and presentations plus two optional on-site days of training.

[International Conference on Conceptual Modeling \(ER 2024\)](#), October 28-31

The SEI will host the main international forum for discussing the state of the art, emerging issues, and future challenges in research and practice on conceptual modeling.

[See more events »](#)



Upcoming Appearances

[RSA Conference 2024](#), May 6-9

Hear the SEI's Lauren McIlvenny, Greg Touhill, Randy Trzeciak, Brett Tucker, Jeffrey Mellon, and Clarence Worrell at the premier event for the cybersecurity community.

[Emerging Technologies for Defense Conference & Exhibition 2024](#), August 7-9

Visit the SEI at booth 316.

[See more opportunities to engage with us »](#)



Upcoming Training

[Cybersecurity Oversight for the Business Executive](#)

July 30-31 (SEI Live Online)

[Advanced Topics in Incident Handling](#)

September 24-27 (SEI Live Online)

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