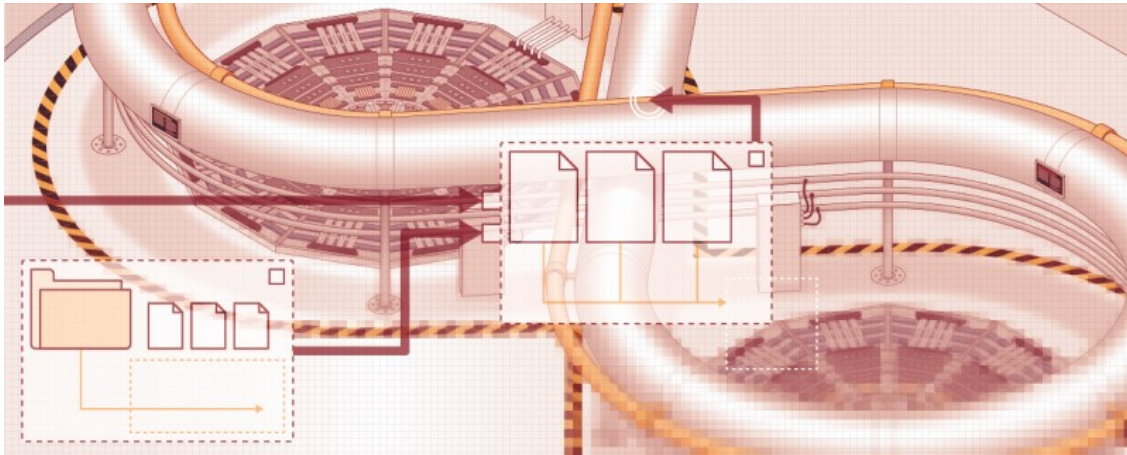


# SEI Bulletin

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## DevSecOps Platform-Independent Model Receives Major Update

**November 9, 2022**—Recent updates to the SEI's DevSecOps Platform-Independent Model (PIM) add cybersecurity, personnel role involvement, and DevSecOps main flow features.

The first release of the PIM described a DevSecOps pipeline at the highest level: requirements, the product development lifecycle process, and the organizational roles needed to produce software. Since then, a cross-disciplinary SEI team has added flesh to the PIM's bones. Version 2.1 of the PIM is now even more useful to organizations looking to build or assess software development pipelines.

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[SEI News](#)

### [DevSecOps Platform-Independent Model Receives Major Update](#)

New features bolster cybersecurity, personnel modeling, and DevSecOps flow.

### [2022 Research Review to Show the SEI Forging the Path](#)

The SEI will showcase its latest work November 14-16 in the seventh annual Research Review.

### [FloCon 2023 Registration Opens for January In-Person Event](#)

FloCon 2023's academic, industrial, and government speakers on using data to defend enterprise networks will gather in Santa Fe, New Mexico.

[\*\*See more news »\*\*](#)

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## [\*\*Latest Blogs\*\*](#)

### [Writing Ansible Roles with Confidence](#)

Matthew Heckathorn provides guidance on how best to begin developing Ansible roles with confidence that they will work as intended.

### [How to Mitigate Insider Threats by Learning from Past Incidents](#)

Dan Costa summarizes a best practice added to the new seventh edition of the *Common Sense Guide to Mitigating Insider Threats*, "Learn from Past Insider Threat Incidents."

### [A Technical DevSecOps Adoption Framework](#)

Vanessa Jackson and Lyndsi Hughes describe the new DevSecOps adoption framework that guides the planning and implementation of a roadmap to functional continuous-integration/continuous-delivery pipeline capabilities.

[\*\*See more blogs »\*\*](#)

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## [\*\*Latest Podcasts\*\*](#)

### [ML-Driven Decision Making in Realistic Cyber Exercises](#)

Thomas Podnar and Dustin Updyke discuss efforts to apply machine

learning to increase the realism of non-player characters (NPCs) in cyber training exercises.

### [Software Architecture Patterns for Robustness](#)

Rick Kazman discusses software architecture patterns and the effect that certain architectural patterns have on quality attributes, such as availability and robustness.

### [A Platform-Independent Model for DevSecOps](#)

Tim Chick and Joe Yankel present a DevSecOps Platform-Independent Model that uses model-based systems engineering to formalize the practices of DevSecOps pipelines and organize relevant guidance.

[See more podcasts »](#)

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## [Latest Publications](#)

### [Zero Trust Industry Day Experience Paper](#)

This paper describes the results of the 2022 Zero Trust Industry Day event.

### [Challenge Development Guidelines for Cybersecurity Competitions](#)

This report draws on the SEI's experience to provide general-purpose guidelines and best practices for developing effective cybersecurity challenges.

### [DevSecOps Days Washington, D.C. 2022](#)

This collection captures presentations from DevSecOps Days Washington, D.C., held October 12.

[See more publications »](#)

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## [Latest Videos](#)

### [Infrastructure as Code Through Ansible](#)

Matthew Heckathorn discusses how the infrastructure as code (IaC) concept enables organizations to automate the provisioning of IT infrastructure.

## [CMU SEI Research Review 2022 Preview Videos](#)

These short videos introduce the research topics to be presented at the SEI Research Review 2022.

## [Applying the Principles of Agile to Strengthen the Federal Cyber Workforce](#)

Josh Hammerstein discusses how to use principles and concepts from Agile development to help cyber workforce development initiatives remain adaptable.

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## [Upcoming Events](#)

Conference - [FloCon 2023](#), January 9-12, 2023

The SEI's conference on using data to defend enterprise networks returns in person.

[See more events »](#)

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## [Upcoming Training](#)

[Cybersecurity Oversight for the Business Executive](#)

January 18-19, 2023 (SEI, Live Online)

[Software Architecture: Principles and Practices](#)

January 23-26, 2023 (SEI, Live Online)

[See more courses »](#)

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## [Employment Opportunities](#)

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[Software Engineer](#)

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[All current opportunities »](#)

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