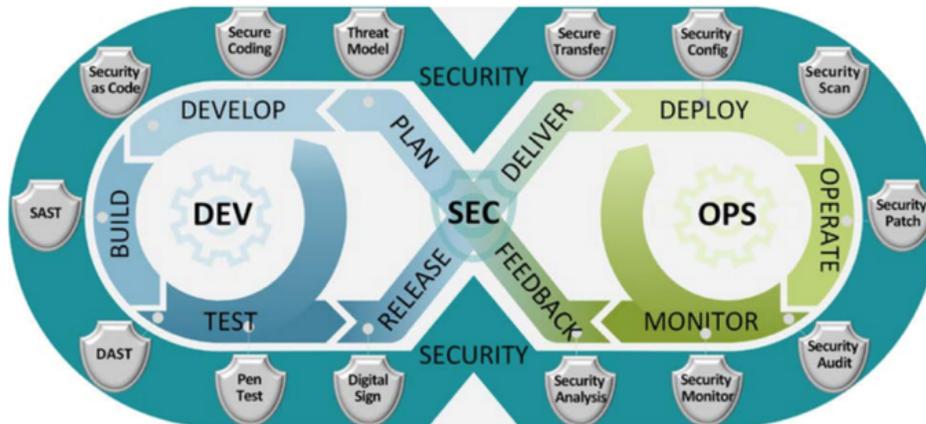


SEI Bulletin

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The Current State of DevSecOps Metrics

March 31, 2021 — Improvements in the technology that automates the software development-to-production pipeline have enabled the modern DevSecOps practices of continuous integration, continuous delivery, and infrastructure as code. In [a new SEI Blog post](#), [Bill Nichols](#) discusses how these DevSecOps practices yield software performance information that could spur innovations in software engineering metrics.

“To address the limitations of many of the current DevSecOps metrics in use, a more holistic approach is needed,” writes Nichols, a senior member of the SEI technical staff, in the blog post [The Current State of DevSecOps Metrics](#).

This post is among the first to be released on the [recently refreshed SEI Blog](#). The blog’s updated interface is more user friendly and unifies the SEI’s main blog, CERT/CC Blog, DevOps Blog, and Insider Threat Blog.

[Read more about the updated SEI Blog »](#)

[Read the blog post The Current State of DevSecOps Metrics »](#)



[SEI Blog Gets New Look](#)

The blog refresh includes improved user interface and search features.

[SEI Releases AADL/ACVIP User Days 2021 Videos and Presentations](#)

Session recordings and slides about the software architecture analysis tools are now available for free on the SEI's website.

[SEI Software Product Lines Course Materials Now Freely Available](#)

Presentations and videos for three courses on software product line adoption and development are now available.

[**See more news »**](#)



[The Current State of DevSecOps Metrics](#)

Bill Nichols talks about how DevSecOps practices can yield valuable information about software performance.

[A Game to Assess Human Decision Making with AI Support](#)

Rotem Guttman discusses SEI research on human decision making to determine the most effective designs for AI-system interfaces.

[Comparing DevSecOps and Systems Engineering Principles](#)

Richard Turner looks at the underlying principles of each discipline.

[**See more blogs »**](#)



[Digital Engineering and DevSecOps](#)

David Shepard discusses the relationship between the two approaches.

[A 10-Step Framework for Managing Risk](#)

Brett Tucker outlines OCTAVE FORTE, a 10-step framework to guide organizations in managing risk.

[7 Steps to Engineer Security into Ongoing and Future Container Adoption Efforts](#)

Thomas Scanlon and Richard Laughlin discuss seven steps developers can take to engineer security into ongoing and future container adoption efforts.

[**See more podcasts »**](#)



[**Latest Publications**](#)

[Attacking COM via Word RTF](#)

This presentation shows how Microsoft Word 2019 on Windows 10 is not too different from the IE6 ActiveX attack surface.

[Modeling and Validating Security and Confidentiality in System Architectures](#)

This report presents an approach for modeling and validating confidentiality using the Bell-LaPadula security model and the Architecture Analysis & Design Language.

[Overview of Practices and Processes of the CMMC Assessment Guides](#)

This paper is intended to help anyone unfamiliar with cybersecurity standards get started with the DoD Cybersecurity Maturity Model Certification (CMMC).

[**See more publications »**](#)



[**Latest Videos**](#)

[Webcast - DevOps Enables Digital Engineering](#)

Hasan Yasar and David Shepard introduce the concept of digital engineering and how they believe DevOps complements/enables it.

Webcast - [Modeling DevSecOps to Reduce the Time-to-Deploy and Increase Resiliency](#)

Joseph Yankel, Aaron Reffett, and Nataliya Shevchenko discuss why a platform independent model is needed to design an integrated DevSecOps strategy.

Webcast - [SolarWinds Hack: Fallout, Recovery, and Prevention](#)

Matthew Butkovic and Art Manion discuss how the SolarWinds incident challenged the security of systems that are the product of complex supply chains.



Upcoming Events

Webcast - [Amplifying Your Privacy Program: Strategies for Success](#), March 31

This webcast will highlight best practices for privacy program planning and implementation.

Note: The SEI is evaluating all upcoming courses, conferences, and events case-by-case in light of COVID-19 developments. Check individual event pages for the latest information.

[See more events »](#)



Upcoming Training

[Insider Threat Analyst](#)

May 4-6, 2021 (SEI, Live Online)

[Insider Threat Program Manager: Implementation and Operation](#)

May 18-20, 2021 (SEI, Live Online)

[Cybersecurity Oversight for the Business Executive](#)

May 26-27, 2021 (SEI, Live Online)

Note: The SEI is evaluating all upcoming courses, conferences, and events case-by-case in light of COVID-19 developments. Check individual training pages for the latest information. You may also contact us at courseregistration@sei.cmu.edu or +1-412-268-7388.

[See more courses, including live-online and eLearning offerings »](#)

Employment Opportunities

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