SEI Bulletin — July 10, 2019

SEI Experts Discuss DevOps in Highly Regulated Environments

Highly regulated environments (HREs), such as finance and healthcare, are mandated by policies for various reasons, most often general security and protection of intellectual property. These policies make the sharing and open access principles of DevOps that much harder to apply.

“We can put all the tooling in,” says Jose Morales, a senior researcher in the SEI’s Software Solutions Division. "We can make all of the recommendations. If you can't get the culture to shift, it is not going to work."

In a recent podcast, Morales and Hasan Yasar, technical director of Continuous Deployment of Capability within the SEI’s Software Solutions Division, discuss the process, challenges, approaches, and lessons learned in implementing DevOps in the software development lifecycle in HREs.

Listen to the podcast.

SEI NEWS

- FloCon 2020 Registration Opens
- New SEI Book on Managing Technical Debt Published
Cyber Intelligence Report Outlines Best Practices and Biggest Challenges

SEI Publications
- Automatically Detecting Technical Debt Discussions
- Multi-Method Modeling and Analysis of the Cybersecurity Vulnerability Management Ecosystem
- SCAIFE API Definition Beta Version 0.0.2 for Developers

SEI Blog
Recent posts
- Selecting Measurement Data for Software Assurance Practices
- Three Architecture Recommendations for Sustainment Organizations
- Keeping an Eye Out for Positive Risk

SEI Podcast Series
Available in video and audio formats
- DevOps in Highly Regulated Environments
- Women in Software and Cybersecurity: Dr. Ipek Ozkaya
- Defending Your Organization Against Business Email Compromise

SEI Events
Featured events
- Software Engineering Workshop for Educators
- Software and Cyber Solutions Symposium: Benefits and Risks of Cloud Computing
- FloCon 2020
SEI Videos
Short videos of SEI work from our experts

- Efficient NetFlow Partitioning via Minimum Cuts
- Artificial Intelligence and Machine Learning – Hype vs. Reality
- Secure Your Code with AI and NLP

SEI Training

- Foundations of Incident Management
  September 10-13, 2019 (SEI Arlington, Va.)
- Enterprise Information Security for Technical Staff
  September 16-19, 2019 (SEI Arlington, Va.)

SEI Careers
Featured opportunities

- Senior Linux Systems Administrator
- Associate Solutions Engineer
- DevOps Engineer
- 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.
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