



# Carnegie Mellon University Software Engineering Institute (SEI)

## Systems and Software Engineering Lunch and Learn Series

Session 9 of 12

Thur Feb 23, 2023

12:00 – 1:30 PM EST

Hasan Yasar

Carnegie Mellon University



# The Nature of DevSecOps and its Relationship to Digital Engineering



A FREE Virtual Event – Registration Required

1 PDU / CEU

**Abstract.** There is some confusion about how the paradigms of DevSecOps and Digital Engineering fit together. Both terms are usually mentioned in different settings and end up creating different organizational silos, including creating different platforms, individual team or units' roles and responsibilities. However, in the case of software-intensive systems, DevSecOps practices can be utilized as an enabler for Digital Engineering, from end-to-end product lifecycle management from the infrastructure layer, with practicing authoritative source of truth, to establishing common organizational value for the product to be built. In this talk, attendees will learn:

- Digital Engineering and DevSecOps intersection,
- Common Roles and responsibilities for Digital Engineering and DevSecOps,
- Where to start and how to implement DevSecOps with Digital Engineering in mind, and
- Connecting the Digital Engineering concept with operational settings outcomes.

**Hasan Yasar** is Technical Director of the Continuous Deployment of Capability Group in the Software Engineering Institute, CMU. Hasan leads the organization to enable, accelerate and assure transformation at the speed of relevance by leveraging DevSecOps, Agile, Lean AI/ML and other emerging technologies to create a smart and secure software platform/pipeline. Hasan has more than 25 years' experience as a senior security engineer, software engineer, software architect and manager in all phases of secure software development and information modeling processes. He is also Adjunct Faculty member in CMU Heinz College and Institute of Software Research where he currently teaches "Software and Security" and "DevOps: Engineering for Deployment and Operations."

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