# Carnegie Mellon University

Software Engineering Institute



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# Best Practices for Security in Cloud Computing

The federal government recently made cloud adoption a central tenet of its IT modernization strategy. As organizations adopt cloud technologies and/or choose cloud service providers (CSPs), they face vulnerabilities and risks. In this podcast, Don Faatz and Tim Morrow, researchers with the SEI's CERT Division, outline best practices that organizations should use to address the vulnerabilities and risks in moving applications and data to cloud services. These practices are geared toward small and medium-sized organizations; however, all organizations, independent of size, can use these practices to improve the security of their cloud usage.

Watch or download the podcast.

#### **SEI NEWS**

- SEI Launches Innovation Snapshots Video Series
- <u>SEI Makes Smart Grid Maturity Model Freely Available</u>
- NSA Recognizes SEI and CMU Researchers



### **SEI Publications**

- Composing Effective Software Security
  Assurance Workflows
- <u>FedCLASS: A Case Study of Agile and Lean</u>
  Practices in the Federal Government



# **SEI Blog**

Recent posts

- <u>Emerging Opportunities in Modularity and</u>
  <u>Open Systems Architectures</u>
- <u>IPV6 Adoption: Is Your ISP Ready to Support</u> <u>IPv6</u>



### **SEI Podcast Series**

Available in video and audio formats

- Risks, Threats, and Vulnerabilities in Moving to the Cloud
- <u>Deep Learning in Depth: IARPA's Functional</u>
  <u>Map of the World Challenge</u>



### **SEI Events**

Featured events

- Webcast: Improve Your Static Analysis Audits
  Using CERT SCALe's New Features
- FloCon 2019
- SATURN 2019
- Software and Cyber Solutions Symposium
  2019: Acquisition, Security, and the Supply
  Chain



# **SEI Cyber Minute**

Short video snapshots of SEI work from our experts

- Four RFP Elements to Include for Contracting for Agile Development
- Natural Forces
- SEI Cyber Minute: Build Secure Applications with DevSecOps



# **SEI Training**

- Modeling System Architectures Using the Architecture Analysis and Design Language (AADL)
  - November 13-16, 2018 (SEI Pittsburgh, Pa.)
- <u>Software Architecture: Principles and Practices</u>
  December 4-5, 2018 (SEI Pittsburgh, Pa.)



### **SEI Careers**

Featured opportunities

- DevOps Engineer
- Associate Cybersecurity Penetration Tester
- <u>Security Researcher</u>
- 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 <a href="mailto:info@sei.cmu.edu">info@sei.cmu.edu</a> and you could be featured in a future issue of the SEI Bulletin.







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