Request for Information: Shifting the Balance of Cybersecurity Risk: Principles and Approaches for Secure by Design Software

Deadline for response: February 20th, 2024
Maximum Length: unspecified

Purpose: to receive input on CISA’s white paper entitled “Shifting the Balance of Cybersecurity Risk: Principles and Approaches for Secure by Design Software” and receive supplementary information from experts.

Questions:

1. What are considerations not addressed in the white paper?
2. How to incorporate security into secure software development lifecycle (SDLC)?
3. How to incorporate security in education (university based)?
4. What are recommendations for hardening/loosening guides?
5. What are economic considerations for implementing SDLC?
6. What are economic considerations of software vulnerabilities?
7. What are the pull signals from consumers?
8. Are field studies used when considering the above topics?
9. What are barriers to eliminating common vulnerabilities?
10. What are barriers for adoption of updates by consumers?
11. How can threat modeling be used and shared?
12. What are appropriate fees for advanced security features?
13. How does AI impact safety?
14. What are the nuances between usage of information technology and operational technology with respect to security?

1 Link to full call.

Prepared by the Federal Research Engagement Office (FREO). Please contact Dr. Moriah Locklear (moriah.locklear@asu.edu) with any questions.