Workshop on Enhancing Software Supply Chain Security

June 2-3, 2021

Workshop Purpose:

- Inform NIST’s immediate and longer-term decisions around software supply chain security initiatives as required in Executive Order 14028.

June 2, 2021: Day 1 Agenda (all times EDT)

1:00 – 1:10PM  
Welcome and Logistics – Matt Scholl, NIST

1:10 – 1:20PM  
Opening Remarks – Jeff Greene, Acting Senior Director for Cybersecurity, White House National Security Council

1:20 – 1:50PM  
Government Updates - Chris DeRusha, Federal Chief Information Security Officer, OMB  
Eric Goldstein, Executive Assistant Director for Cybersecurity, CISA  
Allan Friedman, Director of Cybersecurity Initiatives, NTIA

1:50 – 2:10PM  
NIST Tasks and Implementation Approach – Kevin Stine, NIST

2:10 – 2:15PM  
Break – Panel Transition

2:15 – 3:15PM  
Panel 1 – Criteria for Designating Critical Software

Abstract: This panel will discuss candidate criteria for designating software as critical.

Moderator: Barbara Guttman, NIST

Panelists:
Henry Young, BSA | The Software Alliance  
David A. Wheeler, Linux Foundation  
Andrew Howell, Enterprise Cloud Coalition  
Amanda Craig, Microsoft

3:15 – 3:20PM  
Break – Panel Transition

3:20 – 4:50PM  
Abstract: This panel will discuss current and emerging methodologies for secure software development throughout the development lifecycle, including standards, guidelines, and practices, and ways to demonstrate conformance to those resources. The guidelines for software integrity chains and provenance will be covered in this session.

Moderator: Karen Scarfone, Scarfone Cybersecurity

Panelists:
Steve Lipner, SAFEC ode
Colm MacCarthaigh, Amazon Web Services
Shoshana Wodzisz, Rockwell Automation
Daniel Riedel, Copado
Shlomi Ben-Hur, Micro Focus

4:50 – 5:00PM  Summary of Day 1 – Kevin Stine, NIST
June 3, 2021: Day 2 Agenda (all times EDT)

1:00 – 1:15PM  Welcome and Logistics – Kevin Stine, NIST

1:15 – 2:45PM  Panel 3– Tools and Techniques for Testing Software

Abstract: This panel will discuss tools and techniques for testing software source code including defining types of manual or automated testing, their recommended uses, best practices, and security benefits.

Moderator: Paul E. Black, NIST

Panelists:
Randall Brooks, Raytheon Technologies
Alexa Lee, Information Technology Industry Council
Jeff Williams, Contrast Security
John Keane
Johnathan Hunt, GitLab
Romain Berrendonner, AdaCore

2:45 – 3:00PM  Break – Panel Transition

3:00 – 4:00PM  Panel 4– Security Measures for Critical Software

Abstract: This panel will discuss guidelines outlining security measures to be applied to Federal government use of critical software, including but not limited to, least privilege, network segmentation, and proper configuration.

Moderator: Jon Boyens, NIST

Panelists:
Jon McCune, Google
Gabriel Davis, CISA
Alexander “RoRo” Romero, Intel
Kent Landfield, McAfee

4:00 – 4:15PM  Summary of Day 2 and Next Steps – NIST