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 **Panel 2 – Secure Software Development Standards, Practices, and Conformance.**

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, SAFECode
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

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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