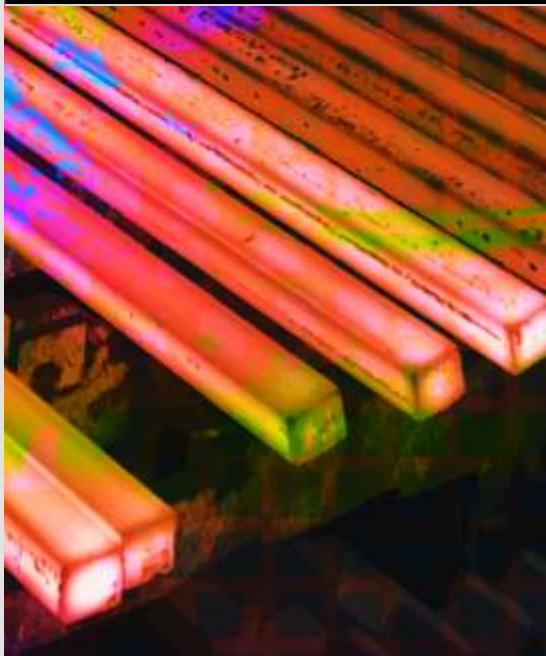
Carnegie Mellon University
Software Engineering Institute

Fix What First? Using SSVC to Prioritize Vulnerability Response



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Leigh Metcalf

Document Markings

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Motivation

We propose a Stakeholder-Specific Vulnerability Categorization (SSVC) as an improvement.

- Focus is on *decisions*, not technical severity
- Transparent, role-specific recommendations
- Experiment design-to-test process consistency
  - Thanks to my co-authors, conference attendees, and GitHub contributors who have helped improve SSVC so far.
- Communication between analysts and risk managers
  - Analysts know what the risk manager chooses.
  - Risk managers know what analysts will decide on vuls consistently.

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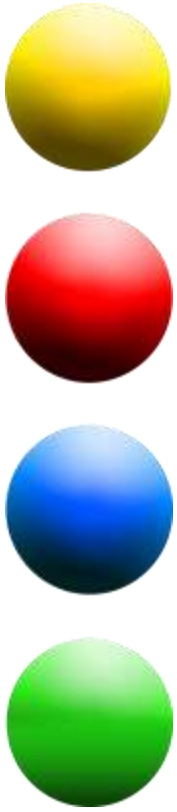

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SSVC Contributions

1. Decision process and descriptions that could be used to make vulnerability management decisions
2. Method for how a justifiable decision process and descriptions can be constructed, adapted, and tested

1) is valuable, and though we're on [version 2](), it is always improving
2) is perhaps more important because it lets you adapt

Development and improvement are ongoing.

If you have suggestions, tell us!
https://github.com/CERTCC/SSVC

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Contact Information

Leigh Metcalf
Senior Network Security
Research Analyst

Telephone: +1 412.268.8591
Email: info@sei.cmu.edu