

The Common Vulnerability Scoring System (CVSS) is a framework that is used for the severity of security vulnerabilities in a software. This provides organisations to provide a score to its IT vulnerabilities across a wide range of software's. (What is the CVSS (Common Vulnerability Scoring System)?, 2022).

(Spring et al., 2021), criticise characteristics of CVSS include robustness, unreliability and most importantly the CVSS formula does not have emphasis on the scoring severity of the vulnerability.

According to (Spring et al., 2021), CVSS is designed to identify the technical severities of the vulnerabilities and not on the risk of the vulnerability as people assume to know about the CVSS scoring.

(Spring et al., 2021), suggests that Stakeholder-Specific Vulnerability Categorisation is an alternative to CVSS.

SSVC have 3 main goals, these include (Manion, 2020);

- Better decision support, context, risk-orientation
- Transparent, adjustable, adequate formalism
- Automation, low evaluation cost per vulnerability

With the focus of supporting decisions and are risk oriented, transparent, SSVC should replace CVSS.

References:

- Manion, A., 2020. SSVC: Stakeholder-Specific Vulnerability Categorization. [online] First.org. Available at: <https://www.first.org/resources/papers/durham2020/SSVC_PSIRT_TC_2020.pdf> [Accessed 23 September 2022].
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