

This paper is submitted by the PC co chairs of DSN 2024 (the 54th Annual IEEE/IFIP International Conference on Dependable Systems and Networks), Julia Lawall (INRIA, FR) and Marc Dacier (KAUST, SA).

This paper won the distinguished best paper award at DSN 2024. To choose this paper, the process is as follows: PC members submit recommendations for best paper awards. A dedicated committee is reviewing these submissions and select, out of all the submissions, 3 candidates for best paper. The 3 best papers are presented at the beginning of the conference in a dedicated session and all attendees are asked to vote for the “best of the best”, which is awarded the “distinguished best paper award”. That paper won it because it was proposing a practical, large scale experiment to perform a systematic study addressing the correctness of contemporary SBOM (Software Bill of Materials) generation solutions. The lessons learned were very interesting, it led to the discovery of some threats as well as the proposal of new best practices to improve the field. As SBOMs are increasingly used for software maintenance and vulnerability discoveries, this was seen as an important contribution to the field, very well executed ; an eye opener for the community.