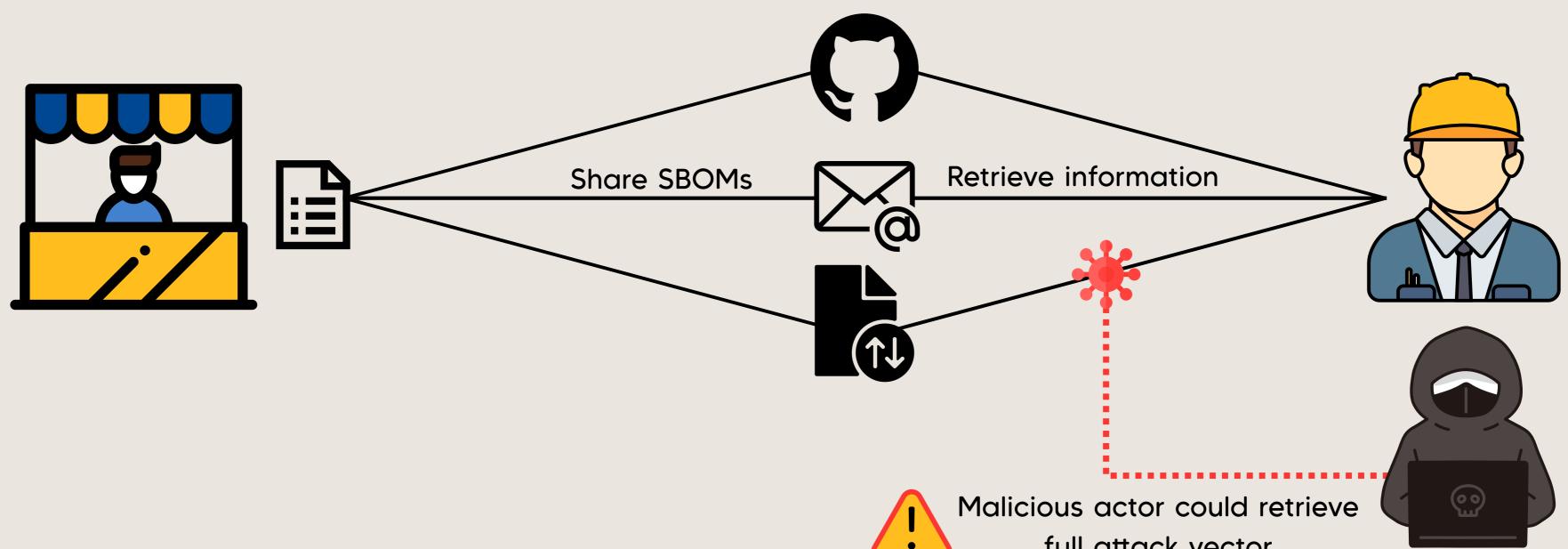


zkSBOM

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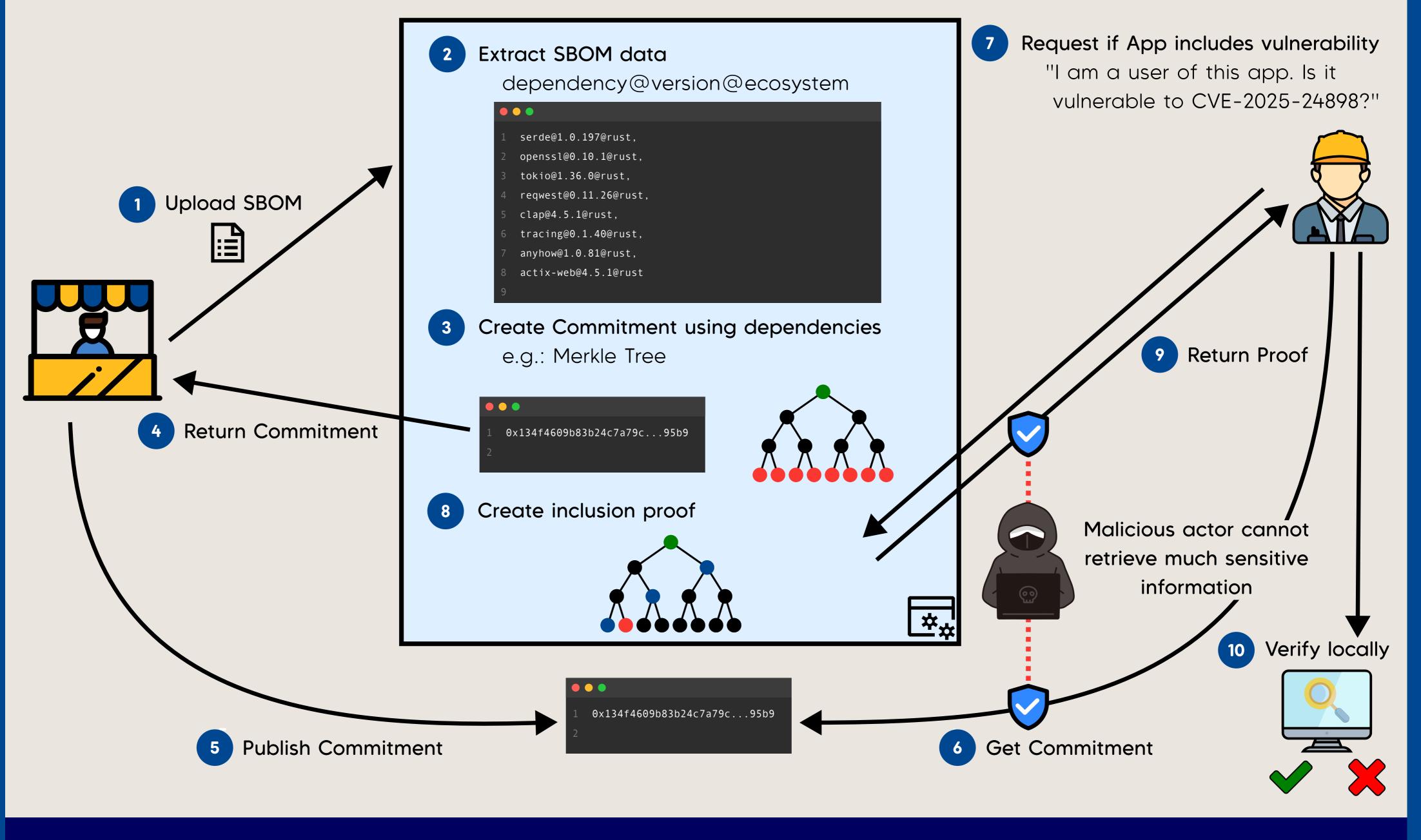
Problem: Revealing SBOMs publicly also means revealing their vulnerabilities!





full attack vector

Solution: Only disclose limited, but verifiable SBOM information to authorized users.



Related Work:

- NTIA Multistakeholder Process on Software Component Transparency Framing Working Group, "Sharing and Exchanging SBOMs," February 2021.
- B. Xia, D. Zhang, Y. Liu, Q. Lu, Z. Xing, and L. Zhu, "Trust in Software Supply Chains: Blockchain-Enabled SBOM and the AIBOM Future," in 2024 IEEE/ACM 4th International Workshop on Engineering and Cybersecurity of Critical Systems IEEE Computer Society, April 2024.