# Software Bill of Materials

**Software Name:**

**Version Number:**

**Date:**

## Document Version History

|  |  |  |
| --- | --- | --- |
| Issue Number | Date | Author |
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|  |  |  |

## Purpose

The purpose of this document is to enumerate the components used in the software listed in "Software Name" in order to create an easy method to track where specific components are being used by the organization and any software vulnerabilities that may affect them. The table should include all internally developed components, open source and commercial external software, libraries, frameworks, firmware and any other software components used to build this software. This table shows the main component name and any subdependencies. This is a hierarchical relationship where the component in question is itself reliant on other software, which can also be reliant on further software components, which have been included in the table as sub-subdependencies. This can be further deconstructed, but for the purposes of usability, the table does not list any further layers of dependencies.

## Software Components

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Component Name | Version | License Information | Subdependencies | Sub-Subdependencies | Known Vulnerabilities (CVE Number) |
| *Spring Framework - Spring Core* | *5.3.18* | *Apache 2.0* | *Caffeine, Jackson, Reactor, Kotlin, Commons Logging, Byte Buddy, ASM, Objenesis, Log4j* | *Guava, SLF4J* | [*CVE-2022-22971*](https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2022-22971)[*CVE-2022-22970*](https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2022-22970)[*CVE-2022-22968*](https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2022-22968) |
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## Glossary

**Component name** -- A main component of the software, such as commercial or internally developed software, firmware or an open source library.

**Version** -- The current version of the component in use in the software. This should be updated if the version is updated.

**License information --** The owner of the license and any other relevant information, such as expiry.

**Subdependencies --** Any software components that are used by the component in the "Component name" column.

**Sub-subdependencies --** Any software components that are used by the component in the "Subdependencies" column.

**Known Vulnerabilities (CVE Number) --** A list of software vulnerabilities known to affect the component or any subdependencies. This should be listed using the Common Vulnerabilities and Exposures (CVE) number and a link to further information.