

3129956 - CVE-2021-44228 - BusinessObjects impact for Log4j vulnerability

Version	4	Type	SAP Knowledge Base Article
Language	English	Master Language	English
Release Status	Released to Customer	Category	Problem
Component	BI-BIP-DEP (Webapp Deployment, Networking, Vulnerabilities, Webservices)	Released On	13.12.2021

Please find the original document at <https://launchpad.support.sap.com/#/notes/3129956>

Symptom

- Vulnerability CVE-2021-44228 for log4j
- How does this impact SAP BusinessObjects Business Intelligence Platform (BI) 4.x

log4j is an apache library used commonly in java applications. This particular issue was identified in log4j2 and fixed in log4j 2.15.0.

Environment

- SAP BusinessObjects Business Intelligence Platform 4.2, 4.3
- SAP BusinessObjects Business Intelligence (BI) Platform 4.0 / 4.1 * **NO LONGER SUPPORTED**
- All Operating Systems

Resolution

- SAP BusinessObjects BI Platform is **not impacted** by the CVE-2021-44228, which packages log4j version 1.2.6 (as of **4.3 SP02**), earlier releases of BI **may** have older versions.
- The log4j version can be determined by opening the log4j.jar file in a zipping tool, and reading the MANIFEST.MF file in META-INF
- The version of Apache Struts included in the platform relies on log4j-api 2.12, which is not affected by the vulnerability. Only the module **log4j-core** is affected.
- The impacted component is the main JNDI package. **JNDI classes and methods are not used in the SAP BusinessObjects BI Platform.**
- Further security / mitigation against Remote Code Execution is available at the Java level in 8u121 and 8u191, therefore we recommend customers to be on a version of SAP BusinessObjects BI Platform that packages at least a version > 8u121. Therefore we recommend the **minimum** version that should be applied is 4.2 SP05. For more information about the versions of SAPJVM (and which Oracle JVM version they are based on) supplied per BI version, see: [2914488](#) - List of Bundled SAP JVM versions shipped with selected Patches of SAP BusinessObjects Business Intelligence Platform 4.x
- An update from 1.2.6 to 2.15 is **planned** for a future release.

For more information see:

<https://logging.apache.org/log4j/2.x/security.html>

<https://nvd.nist.gov/vuln/detail/CVE-2021-44228>

Keywords

CVE-2021-44228, SAP BusinessObjects, 4.3, 4.2, log4j,vulnerability, JNDI

Products

SAP BusinessObjects Business Intelligence platform 4.2

SAP BusinessObjects Business Intelligence platform 4.3

Other Components

Component	Description
BI-BIP-INS	Installation, Updates, Upgrade, Patching

[Terms of use](#) | [Copyright](#) | [Trademark](#) | [Legal Disclosure](#) | [Privacy](#)