

Announcement/Log4Shell

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Event

Log4j vulnerability

- <https://nvd.nist.gov/vuln/detail/CVE-2021-44228>
- [BSI warning from 12/12/2021 \(CVE-2021-44228\)](#)

Current vulnerability assessment in BlueSpice (overview)

- BlueSpice free, pro, farm:
 - Current on-premise installations are **not affected**.
 - In older on-premise installations, the **version of Elasticsearch could be affected**.
 - The Docker version is **not affected**.
- BlueSpice Cloud is **not affected**.

This is true for instances that we have installed. **Customers have to check their part of the installation** (i.e., OS, additional packages, etc.)

Inspected components in BlueSpice

Current version

- **ElasticSearch** => ElasticSearch reports that they are not affected:
<https://discuss.elastic.co/t/apache-log4j2-remote-code-execution-rce-vulnerability-cve-2021-44228-esa-2021-31/291476>
No code-red alert, but we keep an eye on it. => **not vulnerable**
- **Java-Server**
 - Tomcat => explicit configuration of log4j is necessary. By default, log4j is not activated. We do not change this. => **not vulnerable**
 - Jetty => explicit configuration of jetty is necessary. By default, log4j is not activated. We do not change this. => **not vulnerable**
- **Java Webservice**
 - xhtmlrenderer => a log4j plugin exists, but is not used by our service => **not vulnerable**
 - VisualDiff => uses daisydiff + others. Does not use log4j => **not vulnerable**
 - LaTeX2png => uses the jlatexmath library. Does not use log4j => **not vulnerable**
- **Draw.io** reports that the application is not affected:
<https://twitter.com/drawio/status/1470061320066277382> => **not vulnerable**

Older versions of BlueSpice 3

- **Elasticsearch**
<https://discuss.elastic.co/t/apache-log4j2-remote-code-execution-rce-vulnerability-cve-2021-44228-esa-2021-31/291476>
 - **Versions 6.8.9+** (released on 13th May 2020) => **not vulnerable**
 - **Version 6.4.0 - 6.8.8:** Vulnerable. A configuration change and server restart has to be applied. => **vulnerable**
 - **Versions 6.3.x and below:** Update of Elasticsearch is required. Please contact our support. => **vulnerable**

BlueSpice 2

- Solr uses log4j. Currently no mitigation available. Disable Solr search. => **vulnerable**

Inspected components in the Docker image

The list of Docker files in the activated packages has been inspected. => **not vulnerable**

- <https://security-tracker.debian.org/tracker/CVE-2021-44228>