

## Announcement/Log4Shell

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## Event

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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)

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- BlueSpice free, pro, farm
  - On-premise installations are **not affected**.
  - The Docker version 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.)

## Detailed vulnerability assessment

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### Inspected components in BlueSpice

- **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**

### 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>