



Log4j – Exasol impact client statement

On Thursday 9th December 2021, a 0-day exploit was discovered in the Java logging library – log4j. The exploit allows for remote code execution (RCE).

Exasol took prompt action to investigate what services are impacted by this exploit and are working diligently on fixing the issues as they are identified.

Exasol's core product is **unaffected** by this exploit. Some of our open-source code repos were affected by this exploit, an updated version for one is already available and we are already working on the others.

Unaffected products

The Exasol core database is **not impacted** by the vulnerability as log4j is not used. The loader java code that is shipped with the product is also **not affected**.

All current platform variants **are not impacted** by this vulnerability as log4j is not used. This includes the standard on premises installations, as well as cloud hosted versions of our product.

The drivers (JDBC, ODBC, ADO.Net) and the SDK we ship as standard **are not impacted** as we don't utilise the affected versions of log4j.

The following additional products are **NOT** impacted by this vulnerability:

- ExaOperation plugins
 - Protegrity plugin
- Cloud plugins
 - Cloud UI
 - Failover plugin
- cloudtools.exasol.com
- Exaplus CLI
- Exajload
- Most Open-source repos (other than those mentioned in the **affected products** section below)

Subprocessors

Exasol only utilise Noris Network as a subprocessor where clients utilise ExaCloud. Noris Network are **not impacted** by the log4j vulnerability.



Fixed Products

The below repo was impacted and utilised the affected log4j dependency in the deliverable. An update has now been released. It can be found here:

- <https://github.com/exasol/cloudwatch-adapter/releases/tag/0.1.2>

Affected Products

The below repo is impacted and we hope to get a update out as soon as possible:

- <https://github.com/exasol/cloud-storage-extension>

The below repos don't include the dependency in the deliverable, but utilize the affected log4j in the test use cases:

- <https://github.com/exasol/elasticsearch-virtual-schema/issues/48>
- <https://github.com/exasol/spark-connector/issues/106>
- <https://github.com/exasol/virtual-schema-installer/issues/23>

We are working on updating the dependencies. Please monitor the release page for the respective open-source repos for updates.

Customer configurations

Our customers are able to configure our products/ services for their own use case. There may be areas that, although aren't part of our offering, still might be impacted.

As such, we recommend that clients take the below steps to assess their configuration:

- Assess any JDBC drivers you may have installed and update as necessary
- Assess custom JARs uploaded to BucketFS (UDF, Virtual schemas)