

Appgate SDP Security Advisory

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Title

Information on Log4j 2 Vulnerabilities:

CVE-2021-44228
CVE-2021-45046
CVE-2021-45105
CVE-2021-44832

Summary

Update 2022-01-05: This Security Advisory is updated with information to mitigate newly found CVE-2021-44832.

Appgate SDP is **not** vulnerable to the Log4j issue described in CVE-2021-44832 ([here](#)), the JNDI class having already been removed by earlier patches. However, the appliance customization has been further updated (released 2021-12-29) to keep up with the latest patch version (2.17.1) of Log4j.

Update 2021-12-20: This Security Advisory is updated with information to mitigate newly found CVE-2021-45105.

Appgate SDP is **not** vulnerable to the Log4j issue described in CVE-2021-45105 ([here](#)). However, the appliance customization has been further updated (released 2021-12-18) to keep up with the latest patch version of Log4j.

Update 2021-12-17: Apache has upgraded the severity of the second CVE, CVE-2021-45046 from 3.7 to 9.0 (see the Apache Log4j security page ([here](#))). However, Apache's recommended mitigations remain valid and unchanged.

This increased CVE severity has no impact on Appgate SDP; the notes below and the appliance customization remain valid, effective, and recommended.

Update 2021-12-14: This Security Advisory is updated with information to mitigate newly found CVE-2021-45046.

Appgate SDP is **not** vulnerable to the primary Log4j issue described in CVE-2021-44228 ([here](#)).

This security advisory is specific to a related minor “information leak via DNS” vulnerability published by Elastic ([here](#)) and a related minor vulnerability described in CVE-2021-45046 ([here](#)).

Severity

Minor

Products Affected

Appgate SDP LogServer versions before 5.5.2. Note that use of the LogServer function is optional within Appgate SDP deployments.

LogForwarder function is **not** affected.

Suggested Action

Out of an abundance of caution, we recommend patching the Appgate SDP LogServer appliance via the new appliance customization available [here](#).

The latest customization (released 2021-12-29) supersedes the previous customizations and addresses all the vulnerabilities by updating Log4j to 2.17.1 and removing the JNDI lookup class from the classpath.

Instructions for applying this file are available [here](#).