



## Knowledge Base Article #PG5844

# PolicyGuru® Meta-Policy Controller v3.0.2: Mitigation for Apache Log4j CVE-2021-44228, CVE-2021-45046, CVE- 2021-45105, and CVE-2021-44832

## Synopsis

This document provides procedures to mitigate CVE-2021-44228, CVE-2021-45046, CVE-2021-45105, and CVE-2021-44832 for log4j components within the PolicyGuru® 3.0.2 System. PolicyGuru System components must be stopped to update the underlying log4j components.

**Note:** No changes are required on the Database Server.

## Versions Affected

PolicyGuru® v3.0.2

## Mitigation Procedures for PolicyGuru® v3.0.2

Before you begin, obtain the following replacement files from SecureLogix Technical Support:

- **log4j-core-2.17.1.jar**
- **log4j-api-2.17.1.jar**
- **mgmt-ear.ear**
- **analytics-ear.ear**
- **business-central-7.38.0.Final-wildfly18.war**

## Mediation Server Procedure

Perform the following steps on the Mediation Server. It is recommended that you save copies of the original files that are being replaced into a folder outside of the **/opt/ngp** directory structure.

### To update the Mediation Server

1. Stop the **ngp** service on the Mediation Server. This will also stop the tools that use the SLC EIP package (CAS Agent and ProbeSIPFlow Archiving Transceiver).
2. Replace **/opt/slc/slc-eip/lib/log4j-core-2.8.2.jar** with the provided **log4j-core-2.17.1.jar** file.
3. Replace **/opt/slc/slc-eip/lib/log4j-api-2.8.2.jar** with the provided **log4j-api-2.17.1.jar** file.
4. Replace **/opt/ngp/wildfly/standalone/deployments/mgmt-ear.ear** with the provided **mgmt-ear.ear** file.
5. Replace **/opt/ngp/wildfly/standalone/deployments/analytics-ear.ear** with the provided **analytics-ear.ear** file.
6. Replace **/opt/ngp/wildfly/standalone/deployments/business-central-7.38.0.Final-wildfly18.war** with the provided **business-central-7.38.0.Final-wildfly18.war** file.
7. After replacing the above files, start the **ngp** service. This will also start the CAS Agent and ProbeSIPFlow Archiving Transceiver, if they were running previously.



## ***ENUM and Metadata Probe Server Procedure***

Perform the following steps to update log4j on each ENUM and Metadata Probe Server in the deployment. It is recommended that you save copies of the original files that are being replaced into a folder outside of the **/opt/ngp** directory structure.

### **To update each ENUM/Probe Server**

1. Stop the **ngp** service on the ENUM/Probe Server.
2. Replace **/opt/slc/slc-eip/lib/log4j-core-2.8.2.jar** with the attached **log4j-core-2.17.1.jar** file.
3. Replace **/opt/slc/slc-eip/lib/log4j-api-2.8.2.jar** with the attached **log4j-api-2.17.1.jar** file.
4. After replacing the above files, start the **ngp** service.
5. Repeat this process for each ENUM/Probe Server.

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