Addressing the Log4j2 vulnerability in AS v6.9.10, v6.9.11, and v6.9.12

Apache has recently reported a vulnerability in the Log4j2 logging framework which is used by Java applications to log data.

This reported vulnerability has impacts on Adeptia Suite v6.9.10, v6.9.11 and v6.9.12. To mitigate this threat, Adeptia advises you to follow the instructions given below.

Prerequisite

- Before you follow the steps, make sure that you have stopped the Kernel and the Webrunner.

Steps to address the vulnerability

1. Download the zip **log4j-2.17.1.zip** from https://download.adeptia.com/products/download/log4j/log4j-2.17.1.zip and extract it.
2. Go to **...\AdeptiaServer\ServerKernel\dependency** folder, and delete the following jars.
   a. log4j-api-2.x.x.jar
   b. log4j-slf4j-impl-2.x.x.jar
   c. log4j-core-2.x.x.jar
   d. log4j-jcl-2.x.x.jar
3. Copy the following jars from the extracted folder, and paste them in **...\AdeptiaServer\ServerKernel\dependency** folder.
   a. log4j-api-2.17.1.jar
   b. log4j-slf4j-impl-2.17.1.jar
   c. log4j-core-2.17.1.jar
   d. log4j-jcl-2.17.1.jar
4. Go to folder **...\AdeptiaServer\ServerKernel\etc**, and update the file names in **KernelClasspath.txt** and **WebRunnerClasspath.txt** files as given in the table below.

Existing entries	Updated entries
a. dependency/log4j-slf4j-impl-2.x.x.jar b. dependency/log4j-api-2.x.x.jar c. dependency/log4j-core-2.x.x.jar d. dependency/log4j-jcl-2.x.x.jar	a. dependency/log4j-slf4j-impl-2.17.1.jar b. dependency/log4j-api-2.17.1.jar c. dependency/log4j-core-2.17.1.jar d. dependency/log4j-jcl-2.17.1.jar

5. Go to folder **...\AdeptiaServer\ServerKernel**, and update the file names in **logs-archive-cleanup.bat** (for Windows) or **logs-archive-cleanup.sh** (for Linux) file as given in the table below.

Existing entries	Updated entries
a. dependency/log4j-api-2.x.x.jar b. dependency/log4j-core-2.x.x.jar	a. dependency/log4j-api-2.17.1.jar b. dependency/log4j-core-2.17.1.jar

ⓘ Make sure that there is no older version (older than v2.17.1) of Log4j jar available in the **...\AdeptiaServer\ServerKernel\ext** folder. If there is one, you need to delete it.

6. Start the Kernel and Webrunner.

ⓘ Here, 2.x.x represents any version that is lower than 2.17.1. For example, log4j-core-2.13.1.jar.

ⓘ Although Adeptia will make sure that any future patch must include these changes. But in case you apply or recover any patch in future, please ensure that the above changes are not removed.