Addressing the Log4j2 vulnerability in AS v6.9.9

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 v6.9.9. 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\common folder, and delete below 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\Server\Server\Renel\dependency\common 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 edit the KernelClasspath.txt and WebRunnerClasspath.txt files as given in the table

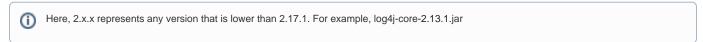
Existing entries	Updated entries
a. dependency/common/log4j-slf4j-impl-2.x.x.jar b. dependency/common/log4j-api-2.x.x.jar c. dependency/common/log4j-core-2.x.x.jar d. dependency/common/log4j-jcl-2.x.x.jar	 a. dependency/common/log4j-slf4j-impl-2.17.1.jar b. dependency/common/log4j-api-2.17.1.jar c. dependency/common/log4j-core-2.17.1.jar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

5. Go to folder ...\AdeptiaServer\Server\Server\Server\server\lefter 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/common/log4j-api-2.x.x.jar	a. dependency/common/log4j-api-2.17.1.jar
b. dependency/common/log4j-core-2.x.x.jar	b. dependency/common/log4j-core-2.17.1.jar



6. Start the Kernel and Webrunner.



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.