

Updating log4j libraries to version 2.16 - licensed

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Overview

This article provides deployment instructions to Update log4j libraries to version 2.16. This includes files that are updated in the patch and deployment instructions. This is a mandatory patch over all connect versions which currently have below log4j libraries (2.14 in the most recent Adobe Connect release).

- log4j-1.2-api-2.xx.0.jar
- log4j-api-2.xx.0.jar
- log4j-core-2.xx.0.jar
- log4j-jul-2.xx.0.jar

Target Systems

Updated services:

Host Type	Service/App	Updated	Stopped	Restarted
License	CPS/HM	✗	✗	✗
AEM Author	Author	✗	✗	✗
AEM Publisher	Publisher	✗	✗	✗
Connect App	CPS	✓	✓	✓
Connect App	Adobe Media Server	✗	✗	✗
Connect App	Adobe Media Administration Server	✗	✗	✗
Connect App	Telephony Service	✓	✓	✓
Connect App (TS)	Arkadin TA	✗	✗	✗
Connect App (TS)	Conference America	✗	✗	✗
Connect App (TS)	Intercall TA	✗	✗	✗
Connect App (TS)	MeetingOne TA	✗	✗	✗
Connect App (TS)	Premiere TA	✗	✗	✗
DB	DB	✗	✗	✗
Download	Connect Addin (Win)	✗	✗	n/a
Download	Connect Addin (Mac)	✗	✗	n/a
AMG	FMG	✗	✗	✗
ACTS	ACTS	✗	✗	✗

1. Bill of Materials

- AdobeConnect_log4j-2.16.zip

2. Backup

1. Take a backup of following 4 log4j files present in [Connect_Installation_Dir]\tomcat\lib

- log4j-1.2-api-2.xx.0.jar
- log4j-api-2.xx.0.jar
- log4j-core-2.xx.0.jar
- log4j-jul-2.xx.0.jar

3. Deploy **log4j-2.16.0** libraries

1. Download the attached AdobeConnect_log4j-2.16.0.zip
2. Unzip the contents of the zip file.
 - log4j-1.2-api-2.16.0.jar
 - log4j-api-2.16.0.jar
 - log4j-core-2.16.0.jar
 - log4j-jul-2.16.0.jar
3. Stop all the connect services on all CPS nodes .
4. Navigate to the \[Connect_Installation_Dir]\tomcat\lib directory on the Adobe Connect instance
5. Remove the current versions of the four log4j files (2.14 in the most recent Adobe Connect release):
 - log4j-1.2-api-2.xx.0.jar
 - log4j-api-2.xx.0.jar
 - log4j-core-2.xx.0.jar
 - log4j-jul-2.xx.0.jar
6. Add version 2.16 of the four log4j files from step 2 to this location
7. Restart all the connect services (connectpro, cptelephonyservice, ams, amsadmin).

Rollback

Adobe connect Service

1. Stop these services on AC servers: ams, amsadmin, connectpro, cptelephonyservice.
2. Ensure all services have stopped and no zombie processes are running.
3. Restore backed up folders and database using the backup created in Step 2 backup section.
4. On all connect servers, start these services: ams, amsadmin, connectpro, cptelephonyservice.
5. Ensure all services have started.