# **AHA – Upgrade log4j jar file in DVM JDBC driver**

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## **Initiated from IBM Case number TS015140150**

**The Scenario**:

Using the latest DVM JDBC Driver, users issue an import command on Apache Sqoop to do a parquet file conversion.

### **The Problem:**

The error “java.lang.NoSuchMethodError: 'org.apache.logging.log4j.Level org.apache.log4j.helpers.OptionConverter.convertLevel(java.lang.String, org.apache.logging.log4j.Level)” occurs when issuing the following import command on Apache Sqoop:

sqoop import -Dorg.apache.sqoop.splitter.allow\_text\_splitter=true -Dmapreduce.job.queuename=${queue} --connect "jdbc:${server}" --driver ${driverJDBC} --username ${user} --password ${password} --as-parquetfile --table ${DVMSourceTableName} --split-by ${hivePrimaryColumnName} --hive-database ${hiveDB} --hive-table  ${hiveStagingInternaltable} -m ${mapreduce\_number} --hs2-url ${beelineString} --outdir java\_code\_CAMPS/ --delete-target-dir --target-dir ${targetDir}/${hiveStagingInternaltable} --hive-drop-import-delims”

The latest DVM JDBC Driver includes **log4j-api-2.17.1** which does not support OptionConverter class.

### **Current workarounds:**

Updating the log4j file on Apache Sqoop to use **log4j-api-2.20.0** which contains the OptionConverter method, provides a workaround.

### **Proposed solutions:**

Update the log4j file in the DVM JDBC driver to a more current version that supports the OptionConverter method.

### **The Benefits/Value:**

Enable the DVM JDBC Driver to support more features.