```dockerfile
FROM docker.artifactory.us.caas.oneadp.com/innerspace/debian:bullseye

USER root

RUN apt-get update \
&& apt-get install -y build-essential zlib1g-dev libncurses5-dev libgdbm-dev \
libnss3-dev libssl-dev libsqlite3-dev libreadline-dev libffi-dev curl libbz2-dev
wget tar \
openssh-server openssh-client sysstat sudo openssl hostname \
openjdk-11-jdk jq python3.9 netcat git curl

ARG MAVEN_VERSION=3.5.4
# Maven
RUN curl --proxy http://proxy.lifion.oneadp.com:8080 -fsSL https://
archive.apache.org/dist/maven/maven-3/$MAVEN_VERSION/binaries/apache-
maven-$MAVEN_VERSION-bin.tar.gz | tar xzf - -C /usr/share \
  && mv /usr/share/apache-maven-$MAVEN_VERSION /usr/share/maven \
  && ln -s /usr/share/maven/bin/mvn /usr/bin/mvn

ENV MAVEN_VERSION=${MAVEN_VERSION}
ENV M2_HOME /usr/share/maven
ENV maven.home $M2_HOME
ENV M2 $M2_HOME/bin
ENV PATH $M2:$PATH


RUN curl --proxy http://proxy.lifion.oneadp.com:8080 -O https://
www.python.org/ftp/python/3.8.2/Python-3.8.2.tar.xz \
&& tar -xf Python-3.8.2.tar.xz \
&& cd Python-3.8.2 \
&& ./configure --enable-optimizations \
&& make altinstall

RUN wget https://bootstrap.pypa.io/get-pip.py && python3.8 get-pip.py
RUN pip3 install awscli

#ENV SCALA_VERSION 2.13
#ENV KAFKA_VERSION 2.7.0


#RUN curl http://mirrors.gigenet.com/apache/kafka/${KAFKA_VERSION}/
kafka_${SCALA_VERSION}-${KAFKA_VERSION}.tgz | tar -zx -C /opt

RUN curl --proxy http://proxy.lifion.oneadp.com:8080 http://
```

```
mirrors.gigenet.com/apache/kafka/3.1.0/kafka_2.13-3.1.0.tgz | tar -zx -C /opt


RUN git clone https://github.com/aws-samples/mirrormaker2-msk-migration.git
WORKDIR mirrormaker2-msk-migration/CustomMM2ReplicationPolicy
RUN mvn clean install

# # Initialize the Kafka cert trust store
RUN find /usr/lib/jvm/ -name "cacerts" -exec cp {} /tmp/
kafka.client.truststore.jks \;


ADD connect-distributed.properties /opt/connect-distributed.properties


RUN mv target/CustomMM2ReplicationPolicy-1.0-SNAPSHOT.jar /opt/
kafka_2.13-3.1.0/libs

# include all start scripts
ADD start-kafka-connect.sh /opt/start-kafka-connect.sh
RUN mkdir -p /opt/logs
RUN chmod 777 /opt/start-kafka-connect.sh
COPY ./connect-config/*.json /opt/kafka_2.13-3.1.0/

EXPOSE 8083
USER root
ENTRYPOINT /opt/start-kafka-connect.sh
```