FROM centos/python-35-centos7:latest

USER root

# Install required RPMs and ensure that the packages were installed

RUN yum install -y java-1.8.0-openjdk wget \

&& yum clean all && rm -rf /var/cache/yum \

&& rpm -q java-1.8.0-openjdk wget

RUN mkdir -p /mnt/bucket-test

RUN yum -y install epel-release

RUN yum -y install s3fs-fuse

RUN AWS\_ACCESS\_KEY\_ID="AKIA6M2YIRLMHWSDM2EB"

RUN AWS\_SECRET\_ACCESS\_KEY="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"

RUN AWS\_DEFAULT\_REGION="us-east-1"

#RUN yum install python3

#RUN pip3 install --upgrade pip

#RUN pip3 install awscli

#RUN pip install --trusted-host pypi.org --trusted-host pypi.python.org

RUN yum install -y python3

RUN yum install -y python-pip

#RUN pip install -y awscli

# Add all artifacts to the /tmp/artifacts

# directory

ADD \

spark-2.4.0-bin-hadoop2.7.tgz \

/tmp/artifacts/

# Environment variables

ENV \

JBOSS\_IMAGE\_NAME="radanalyticsio/openshift-spark" \

JBOSS\_IMAGE\_VERSION="2.4-latest" \

PATH="/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/opt/spark/bin" \

SCL\_ENABLE\_CMD="scl enable rh-python36" \

SPARK\_HOME="/opt/spark" \

SPARK\_INSTALL="/opt/spark-distro" \

STI\_SCRIPTS\_PATH="/usr/libexec/s2i"

# Labels

LABEL \

io.cekit.version="2.2.7" \

io.openshift.s2i.scripts-url="image:///usr/libexec/s2i" \

maintainer="manoj.moka@experian.com" \

name="experian-spark" \

org.concrt.version="2.2.7" \

sparkversion="2.4.0" \

version="2.4-latest"

# Add scripts used to configure the image

ADD modules /tmp/scripts

# Custom scripts

USER root

RUN [ "bash", "-x", "/tmp/scripts/common/install" ]

USER root

RUN [ "bash", "-x", "/tmp/scripts/metrics/install" ]

USER root

RUN [ "bash", "-x", "/tmp/scripts/spark/install" ]

USER root

RUN [ "bash", "-x", "/tmp/scripts/s2i/install" ]

USER root

RUN [ "bash", "-x", "/tmp/scripts/python36/install" ]

USER root

RUN rm -rf /tmp/scripts

USER root

RUN rm -rf /tmp/artifacts

# Modify permission for Openshift platform

RUN chgrp -R 0 /tmp/\* && \

chmod -R g=u /tmp/\*

RUN chmod g=u /etc/passwd

USER 1001

EXPOSE 8080 80 443 7077

USER root

#CMD echo AKIAJIS2RC5HA457U4PA:QNvNBp/Nqh1qEqn6bsUSigWv/0uQHSuZ4zua969+ > /etc/passwd-s3fs && \

# chmod 0400 /etc/passwd-s3fs && \

# /usr/bin/s3fs openshiftspark /mnt/bucket-test -f -o endpoint=Asia Pacific(Mumbai),allow\_other,use\_cache=/tmp,max\_stat\_cache\_size=1000,stat\_cache\_expire=900,retries=5,connect\_timeout=10

# Specify the working directory

WORKDIR /tmp

ENTRYPOINT ["/entrypoint"]

CMD ["/launch.sh"]