1. git上下载protobuf-2.6.0.tar.gz

export PKG\_CONFIG\_PATH=/usr/local/lib/pkgconfig

编译安装protobuf

1. git上下载protobuf-c-1.2.1.tar.gz

编译安装protobuf-c

1. git上下载wal2json-master.zip

编译安装wal2json

1. 安装postgresql-10.5.tar.gz

环境变量（文件.bash\_profile）：

export PGPORT=5432

export PGHOME=/opt/midware/postgresql

export PGDATA=/opt/midware/postgresql/pgdata

export PATH=$PGHOME/bin:$PATH

export MANPATH=$PGHOME/share/man:$MANPATH

export LANG=UTF-8

export DATE='date +"%Y%m%d%H%M"'

export LD\_LIBRARY\_PATH=$PGHOME/lib:$LD\_LIBRARY\_PATH

1. 设置postgresql.conf

shared\_preload\_libraries = 'decoderbufs,wal2json'

#wal\_level = replica # minimal, replica, or logical

wal\_level = logical

max\_wal\_senders = 8

wal\_keep\_segments = 4

max\_replication\_slots = 4

1. 配置pg\_hba.conf 中replication

# TYPE DATABASE USER ADDRESS METHOD

host replication all XX.XX.XX.XX/24 trust

1. 在kafka的配置中添加文件postgres.properties

name=postgres

connector.class=io.debezium.connector.postgresql.PostgresConnector

database.hostname= XX.XX.XX.XX

database.port=5432

database.user=pgsql

database.password=postgres

database.dbname=datasync

database.history.kafka.bootstrap.servers= XX.XX.XX.XX:9092

database.server.name=psql

# database.whitelist=public.datasync

plugin.name=wal2json

1. 下载debezium-connector-postgres-1.4.2.Final-plugin.tar.gz

将解压后的jar包，放kafka的jar包目录下

1. 增加脚本postgre.sh启动kafka 单实例standalone

前提Kafka已经启动

#!/bin/bash

./bin/connect-standalone.sh /opt/midware/kafka\_2.13-2.4.0/config/connect-standalone.properties /opt/midware/kafka\_2.13-2.4.0/config/postgres.properties >> ./pg.log &

10、启动postgresql

参考：

<https://debezium.io/documentation/reference/1.4/postgres-plugins.html>

https://debezium.io/documentation/reference/1.4/connectors/postgresql.html#installing-postgresql-output-plugin