官方安装文档：<https://prestodb.io/docs/current/installation/deployment.html>

参考安装文档：<https://blog.csdn.net/weixin_44131414/article/details/102629063>

## ****1.下载安装包****

#下载页面 http://prestodb.github.io/download.html

服务端:

presto-server-0.227.tar

客户端:

presto-cli-0.227-executable

## ****2.解压安装包并且创建一个新文件夹****

[hadoop@hadoop001 software]$ tar -zxvf presto-server-0.227.tar -C ~/app/

#在解压的路径下 新建一个 etc 文件夹

[hadoop@hadoop001 presto-server-0.227]$ pwd

/home/hadoop/app/presto-server-0.227

[hadoop@hadoop001 presto-server-0.227]$ ll

total 208

drwxr-xr-x 3 hadoop hadoop 93 Oct 18 09:54 bin

drwxrwxr-x 3 hadoop hadoop 104 Oct 18 10:49 etc

drwxrwxr-x 2 hadoop hadoop 8192 Oct 18 09:49 lib

-rw-r--r-- 1 hadoop hadoop 191539 Oct 17 08:06 NOTICE

drwxrwxr-x 30 hadoop hadoop 4096 Oct 18 09:49 plugin

-rw-r--r-- 1 hadoop hadoop 126 Oct 17 08:06 README.txt

## 3. 在etc目录下创建4个配置文件和一个/catalog/ 目录

drwxrwxr-x 2 hadoop hadoop 51 Oct 18 14:05 catalog

-rw-rw-r-- 1 hadoop hadoop 241 Oct 18 10:45 config.properties

-rw-rw-r-- 1 hadoop hadoop 170 Oct 18 10:00 jvm.config

-rw-rw-r-- 1 hadoop hadoop 25 Oct 18 10:08 log.properties

-rw-rw-r-- 1 hadoop hadoop 116 Oct 18 10:49 node.properties

1. node.properties

node.environment=production

node.id=ffffffff-ffff-ffff-ffff-ffffffffffff

#该路径要自己创建 随意的目录

node.data-dir=/var/presto/data

1. jvm.config 根据机器的内存 配置适合的内存大小

-server

-Xmx16G

-XX:+UseG1GC

-XX:G1HeapRegionSize=32M

-XX:+UseGCOverheadLimit

-XX:+ExplicitGCInvokesConcurrent

-XX:+HeapDumpOnOutOfMemoryError

-XX:+ExitOnOutOfMemoryError

1. config.properties a single machine(单机)配置coordinator worker  
   适当修改内存大小

coordinator=true

node-scheduler.include-coordinator=true

http-server.http.port=8080

query.max-memory=1GB

query.max-memory-per-node=512MB

query.max-total-memory-per-node=512MB

discovery-server.enabled=true

discovery.uri=http://hadoop001:8080

1. log.properties 配置日志级别

com.facebook.presto=INFO

## 4. ****catalog目录下的配置,列举mysql hive 配置****

[hadoop@hadoop001 catalog]$ ll

total 8

# hive

-rw-rw-r-- 1 hadoop hadoop 173 Oct 18 14:05 hive.properties

# mysql

-rw-rw-r-- 1 hadoop hadoop 112 Oct 18 10:36 mysql.properties

1. hive.properties的配置

connector.name=hive-hadoop2

#需要启动hive metastore服务

hive.metastore.uri=thrift://hadoop001:9083

# hadoop集群的配置文件目录

hive.config.resources=${HADOOP\_HOME}/etc/hadoop/core-site.xml,${HADOOP\_HOME}/etc/hadoop/hdfs-site.xml

1. mysql.properties的配置

connector.name=mysql

connection-url=jdbc:mysql://hadoop001:3306

connection-user=root

connection-password=123456

### 5. 将客户端放到 /home/hadoop/app/presto-server-0.227/bin

安装文件的bin目录下 并修改名称 为 presto ,赋予执行权限 chmod +x

## 6. 指定jdk

每个版本的presto都需要指定版本的jdk，因此，通过修改presto安装目录如: /presto/bin/launther  
修改launther，引入jdk1.8。

vim launther

PATH=/jdk安装目录/bin:$PATH

exec "$(dirname "$0)/launcher.py" "$@"

## 7. 测试

--启动服务

bin/launcher run

--查看web

设置的IP地址：8080

--启动客户端

./presto --server hadoop001:8080 --catalog hive