## 1. 安装和配置java

wget --no-check-certificate --no-cookies --header "Cookie: oraclelicense=accept-securebackup-cookie" http://download.oracle.com/otn-pub/java/jdk/8u91-b14/jre-8u91-linux-x64.tar.gz

tar -xzf jre-8u91-linux-x64.tar.gz

mv jre1.8.0\_91 /usr/lib/jre180

vi ~/.bashrc

加入三行，内容如下：

JAVA\_HOME=/usr/lib/jre180

JAVA\_BIN=/usr/lib/jre180/bin

export JAVA\_HOME JAVA\_BIN

source ~/.bashrc

2.下载和配置cassandra

下载

cd /alidata1/cassandra

wget http://apache.fayea.com/cassandra/3.7/apache-cassandra-3.7-bin.tar.gz

tar -xzf apache-cassandra-3.7-bin.tar.gz

mv apache-cassandra-3.7 cassandra

打开配置

cd cassandra

vi ./conf/cassandra.yaml

配置改为：

cluster\_name: 'dc1'

num\_tokens: 256

seed\_provider:

- class\_name: org.apache.cassandra.locator.SimpleSeedProvider

parameters:

- seeds: **"yf.jfgou.com"**

listen\_address: 服务器的ip地址

rpc\_address: 服务器的ip地址

endpoint\_snitch: GossipingPropertyFileSnitch

data\_file\_directories:

- /alidata1/cqldata/cassandra/data

commitlog\_directory: /alidata1/cqldata/cassandra/commitlog

saved\_caches\_directory: /alidata1/cqldata/cassandra/saved\_caches

创建数据文件夹：

mkdir /alidata1/cqldata

mkdir /alidata1/cqldata/cassandra

**新增节点仍然按照上面的配置即可**

## 3.使用supervisor

vi /etc/supervisor/conf.d/cassandra.conf

[program:cassandra]

command=/alidata1/cassandra/cassandra/bin/cassandra -R -f

environment=JAVA\_HOME=/usr/lib/jre180,JAVA\_BIN=/usr/lib/jre180/bin

autostart=true

autorestart=true

startretries=1

stdout\_logfile=/tmp/cassandra.log

stdout\_logfile\_maxbytes=10MB

stdout\_logfile\_backups=10

stderr\_logfile = /tmp/cassandra.err

stderr\_logfile\_maxbytes=10MB

stderr\_logfile\_backups=10

启动cassandra

supervisorctl update

supervisorctl start cassandra

## 4. 检查

### 看看有什么错误

cat /tmp/cassandra.log

cat /tmp/cassandra.err

cat /var/log/supervisor/supervisord.log

### 看看node情况

root@BENCH-HOST:/alidata1/cassandra/cassandra# ./bin/nodetool status

Datacenter: dc1

===============

Status=Up/Down

|/ State=Normal/Leaving/Joining/Moving

-- Address Load Tokens Owns (effective) Host ID Rack

UN 218.244.145.220 160.4 KiB 256 100.0% 519c6a0d-0743-4d7c-b19c-aec5808cd758 rack1

### 当集群有两台机器的时候：

root@BENCH-HOST:/alidata1/cassandra/cassandra# ./bin/nodetool status Datacenter: dc1

===============

Status=Up/Down

|/ State=Normal/Leaving/Joining/Moving

-- Address Load Tokens Owns (effective) Host ID Rack

UN 121.40.58.78 276.89 KiB 256 48.0% 2580464d-6617-4330-948d-1d67daa7f6a2 rack1

UN 218.244.145.220 225.71 KiB 256 52.0% 519c6a0d-0743-4d7c-b19c-aec5808cd758 rack1

## 5.添加密码

打开cassandra.yaml

改为：

authenticator: PasswordAuthenticator

authorizer: CassandraAuthorizer

修改密码：

root@YF-HOST:/alidata1/cassandra/cassandra# ./bin/cqlsh 121.40.58.78 -u cassandra -p cassandra

Connected to dc1 at 121.40.58.78:9042.

[cqlsh 5.0.1 | Cassandra 3.7 | CQL spec 3.4.2 | Native protocol v4]

Use HELP for help.

cassandra@cqlsh>**alter user cassandra with password 'cylancas';**