

在之前搭好的spark,hadoop集群环境下安装的，主机名什么的一开始都配好了，就不重复配置了。

1.将zookeeper-3.5.2-alpha.tar.gz复制到Master1的/usr/local/zookeeper下,

2.进行解压缩:tar -zxvf zookeeper-3.5.2-alpha.tar.gz

3.配置zookeeper的环境变量

```
vi /etc/profile
```

```
export ZOOKEEPER_HOME=/usr/local/zookeeper/zookeeper-3.5.2-alpha
```

```
export PATH=$ZOOKEEPER_HOME/bin
```

```
source /etc/profile
```

4.修改zoo.cfg

```
cd /usr/local/zookeeper/zookeeper-3.5.2-alpha/conf
```

```
mv zoo_sample.cfg zoo.cfg
```

```
vi zoo.cfg
```

修改: dataDir=/usr/local/zookeeper/data

新增:

```
server.0=Master:2888:3888
```

```
server.1=Slave1:2888:3888
```

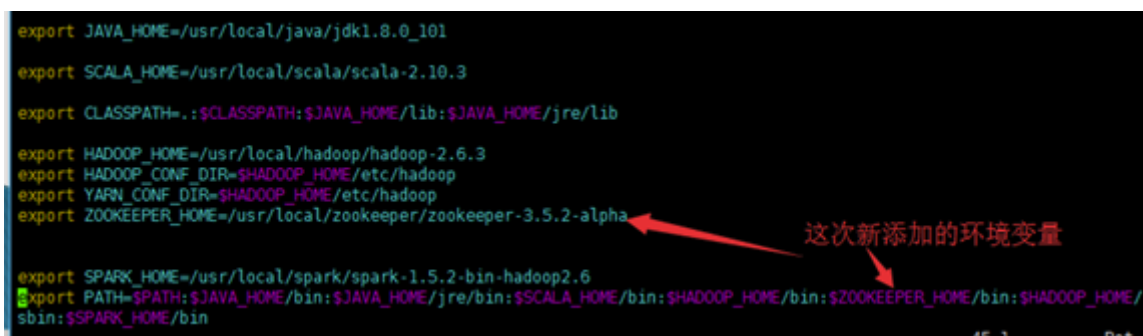
```
server.2=Slave2:2888:3888
```

设置zk节点标识

```
cd /usr/local/zookeeper
```

```
mkdir data
```

```
cd data
```



```
export JAVA_HOME=/usr/local/java/jdk1.8.0_101
export SCALA_HOME=/usr/local/scala/scala-2.10.3
export CLASSPATH=.:$CLASSPATH:$JAVA_HOME/lib:$JAVA_HOME/jre/lib
export HADOOP_HOME=/usr/local/hadoop/hadoop-2.6.3
export HADOOP_CONF_DIR=$HADOOP_HOME/etc/hadoop
export YARN_CONF_DIR=$HADOOP_HOME/etc/hadoop
export ZOOKEEPER_HOME=/usr/local/zookeeper/zookeeper-3.5.2-alpha
export SPARK_HOME=/usr/local/spark/spark-1.5.2-bin-hadoop2.6
export PATH=$PATH:$JAVA_HOME/bin:$JAVA_HOME/jre/bin:$SCALA_HOME/bin:$HADOOP_HOME/bin:$ZOOKEEPER_HOME/bin:$HADOOP_HOME/sbin:$SPARK_HOME/bin
```

```
vi myid
```

```
0
```

5.然后将配置好的环境以及zookeeper文件夹拷贝到Slave1和Slave2上。

```
scp -r cd /usr/local/zookeeper/ root@192.168.146.132:/usr/local/
```

```
scp -r cd /usr/local/zookeeper/ root@192.168.146.136:/usr/local/
```

6.在另外两个节点上按照上述步骤配置ZooKeeper，使用scp将zk和.bashrc拷贝到spark2和spark3上即可。唯一的区别是spark2和spark3的标识号分别设置为1和2。

7.启动ZooKeeper集群

分别在三台机器上执行：zkServer.sh start

```
root@Master:/usr/local# zkServer.sh start
ZooKeeper JMX enabled by default
Using config: /usr/local/zookeeper/zookeeper-3.5.2-alpha/bin/../conf/zoo.cfg
Starting zookeeper ... already running as process 1567.
```

检查ZooKeeper状态：zkServer.sh status

```
root@Slave1:~# zkServer.sh status
ZooKeeper JMX enabled by default
Using config: /usr/local/zookeeper/zookeeper-3.5.2-alpha/bin/../conf/zoo.cfg
Client port found: 2181. Client address: localhost.
Mode: follower
```