

hbasehw09

HBase集群安装

我安装的集群是4个节点h1,h2,h3,h4

hdfs已经安装好，namenode url为hdfs://h1:9000

zookeeper使用外部安装好的，而不是hbase自带的。

hbase版本1.2.6

1、配置hbase

- conf/hbase-env.sh

```
# The java implementation to use.  Java 1.7+ required
export JAVA_HOME=/home/ian/installed/java
# Tell HBase whether it should manage it's own instance of Zookeeper or not.
export HBASE_MANAGES_ZK=false
```

- hbase-site.xml

```
<configuration>
  <property>
    <name>hbase.rootdir</name>
    <value>hdfs://h1:9000/hbase</value>
  </property>
  <property>
    <name>hbase.cluster.distributed</name>
    <value>true</value>
  </property>
  <property>
    <name>hbase.zookeeper.quorum</name>
    <value>h1,h2,h3,h4</value>
  </property>
  <property>
    <name>hbase.zookeeper.property.clientPort</name>
    <value>2181</value>
    <description>Property from ZooKeeper's config zoo.cfg.
    The port at which the clients will connect.
    </description>
  </property>
</configuration>
```

- conf/regionserver

```
h1
h2
h3
h4
```

- conf/backup-masters

h2

2 启动hbase

```
[ian@h1 profile.d]# start-hbase.sh
starting master
h1: starting regionserver,
h2: starting regionserver,
h2: starting master
[ian@h1 Desktop]# jps
94417 SecondaryNameNode
93891 NameNode
87490 QuorumPeerMain
96021 HRegionServer
95124 NodeManager
94105 DataNode
96397 Jps
94767 ResourceManager
95727 HMaster
[ian@h2 hbase]$ jps
42949 Jps
42470 HRegionServer
42088 NodeManager
39529 QuorumPeerMain
42666 HMaster
41899 DataNode
```

3 验证

访问<http://h1:16010>

Region Servers

[Base Stats](#)
[Memory](#)
[Requests](#)
[Storefiles](#)
[Compactions](#)

ServerName	Start time	Version	Requests Per Second	Num. Regions
h1,16020,1534049115360	Sun Aug 12 12:45:15 CST 2018	1.2.6.1	0	4
h2,16020,1534049115367	Sun Aug 12 12:45:15 CST 2018	1.2.6.1	0	3
h3,16020,1534049115458	Sun Aug 12 12:45:15 CST 2018	1.2.6.1	0	2
h4,16020,1534049116872	Sun Aug 12 12:45:16 CST 2018	1.2.6.1	0	3
Total:4			0	12

Backup Masters

ServerName	Port	Start Time
h2	16000	Sun Aug 12 12:45:16 CST 2018
Total:1		