hbasehw12

完成课程中的命令练习测试

1 快照操作

1.1 配置快照

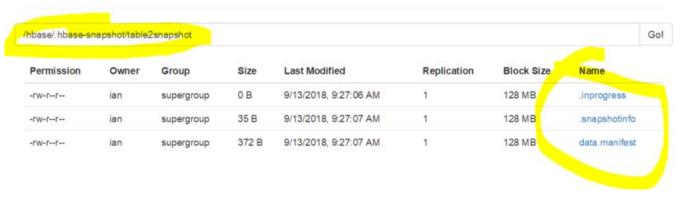
在HBase的配置文件hbase-site.xml中配置快照

1.2 创建快照、查看快照

查看在hdfs上生成的文件

Hadoop Overview Datanodes Snapshot Startup Progress Utilities

Browse Directory



1.3 利用快照克隆表

hbase(main):007:0> clone_snapshot 'table2snapshot', 'table21' 0 row(s) in 0.8830 seconds

```
hbase(main):008:0> scan 'table21'
ROW
                               COLUMN+CELL
rk001
                               column=info:name, timestamp=1532504076816, value=zhangsan
rk002
                               column=info:name, timestamp=1532504088934, value=zhangsan2
                               column=info:name, timestamp=1532504096930, value=zhangsan3
rk003
rk004
                               column=info:name, timestamp=1532504468927, value=zhangsan4
                               column=info:name, timestamp=1534485871811, value=zhangsan5
rk005
rk007
                               column=info:name, timestamp=1534486147906, value=zhangsan71
rk008
                               column=info:name, timestamp=1532504076817, value=zhangsan81
7 row(s) in 0.1220 seconds
```

1.4 利用快照恢复表

```
hbase(main):009:0> put 'table2','rk009','info:name','zhangsan9'
0 row(s) in 0.1150 seconds
hbase(main):010:0> scan 'table2'
ROW
                               COLUMN+CELL
rk991
                               column=info:name, timestamp=1532504076816, value=zhangsan
                               column=info:name, timestamp=1532504088934, value=zhangsan2
rk002
                               column=info:name, timestamp=1532504096930, value=zhangsan3
rk003
rkaa4
                               column=info:name, timestamp=1532504468927, value=zhangsan4
rk005
                               column=info:name, timestamp=1534485871811, value=zhangsan5
                               column=info:name, timestamp=1534486147906, value=zhangsan71
rk007
rk008
                               column=info:name, timestamp=1532504076817, value=zhangsan81
                               column=info:name, timestamp=1536802661998, value=zhangsan9
rk009
8 row(s) in 0.0350 seconds
hbase(main):011:0> disable 'table2'
0 row(s) in 2.4300 seconds
hbase(main):012:0> restore_snapshot 'table2snapshot'
0 row(s) in 0.7870 seconds
hbase(main):014:0> scan 'table2'
ROW
                               COLUMN+CELL
rk001
                               column=info:name, timestamp=1532504076816, value=zhangsan
                               column=info:name, timestamp=1532504088934, value=zhangsan2
rk002
rk003
                               column=info:name, timestamp=1532504096930, value=zhangsan3
rk004
                               column=info:name, timestamp=1532504468927, value=zhangsan4
                               column=info:name, timestamp=1534485871811, value=zhangsan5
rk005
rk007
                               column=info:name, timestamp=1534486147906, value=zhangsan71
rk008
                               column=info:name, timestamp=1532504076817, value=zhangsan81
7 row(s) in 0.1820 seconds
```

1.5 删除快照

2 hbase集群复制

```
hbase(main):017:0> list_peers
PEER ID CLUSTER KEY STATE TABLE CFS
0 row(s) in 0.1450 seconds
hbase(main):018:0> status 'replication'
version 1.2.6.1
4 live servers
   h3:
      SOURCE:
      SINK : AgeOfLastAppliedOp=0, TimeStampsOfLastAppliedOp=Thu Sep 13 09:25:16 CST 2018
   h2:
       SOURCE:
       SINK : AgeOfLastAppliedOp=0, TimeStampsOfLastAppliedOp=Thu Sep 13 09:25:16 CST 2018
   h1:
       SOURCE:
       SINK : AgeOfLastAppliedOp=0, TimeStampsOfLastAppliedOp=Thu Sep 13 09:25:16 CST 2018
   h4:
       SOURCE:
       SINK : AgeOfLastAppliedOp=0, TimeStampsOfLastAppliedOp=Thu Sep 13 09:25:17 CST 2018
```