**LARGE CSV FOR REGION DEFINITION 1**

**OUTPUT FOR BLOCK SIZE:**

Status: HEALTHY

Total size: 2183910056 B

Total dirs: 1

Total files: 1

Total blocks (validated): 33 (avg. block size 66179092 B)

Minimally replicated blocks: 33 (100.0 %)

Over-replicated blocks: 0 (0.0 %)

Under-replicated blocks: 0 (0.0 %)

Mis-replicated blocks: 0 (0.0 %)

Default replication factor: 1

Average block replication: 1.0

Corrupt blocks: 0

Missing replicas: 0 (0.0 %)

Number of data-nodes: 3

Number of racks: 1

**NUMBER OF BLOCKS ON DATANODE1 DATNODE2 AND DATANODE 3 RESP:**

hadoop fsck /user/nxh130330/input\_files2 -files -location -blocks -racks | grep /default-rack/10.176.92.131 | wc -l

13

hadoop fsck /user/nxh130330/input\_files2 -files -location -blocks -racks | grep /default-rack/10.176.92.132 | wc -l

10

hadoop fsck /user/nxh130330/input\_files2 -files -location -blocks -racks | grep /default-rack/10.176.92.133 | wc -l

10

**Job Completion Summary:**

Job number: job\_201411071216\_0017

14/11/07 13:00:59 INFO mapred.JobClient: Counters: 31

14/11/07 13:00:59 INFO mapred.JobClient: Job Counters

14/11/07 13:00:59 INFO mapred.JobClient: Launched reduce tasks=1

14/11/07 13:00:59 INFO mapred.JobClient: SLOTS\_MILLIS\_MAPS=673597

14/11/07 13:00:59 INFO mapred.JobClient: Total time spent by all reduces waiting after reserving slots (ms)=0

14/11/07 13:00:59 INFO mapred.JobClient: Total time spent by all maps waiting after reserving slots (ms)=0

14/11/07 13:00:59 INFO mapred.JobClient: Rack-local map tasks=3

14/11/07 13:00:59 INFO mapred.JobClient: Launched map tasks=33

14/11/07 13:00:59 INFO mapred.JobClient: Data-local map tasks=30

14/11/07 13:00:59 INFO mapred.JobClient: SLOTS\_MILLIS\_REDUCES=10821

14/11/07 13:00:59 INFO mapred.JobClient: File Input Format Counters

14/11/07 13:00:59 INFO mapred.JobClient: Bytes Read=2184041128

14/11/07 13:00:59 INFO mapred.JobClient: File Output Format Counters

14/11/07 13:00:59 INFO mapred.JobClient: Bytes Written=15608

14/11/07 13:00:59 INFO mapred.JobClient: FileSystemCounters

14/11/07 13:00:59 INFO mapred.JobClient: FILE\_BYTES\_READ=809310

14/11/07 13:00:59 INFO mapred.JobClient: HDFS\_BYTES\_READ=2184044791

14/11/07 13:00:59 INFO mapred.JobClient: FILE\_BYTES\_WRITTEN=3139794

14/11/07 13:00:59 INFO mapred.JobClient: HDFS\_BYTES\_WRITTEN=15608

14/11/07 13:00:59 INFO mapred.JobClient: Map-Reduce Framework

14/11/07 13:00:59 INFO mapred.JobClient: Map output materialized bytes=387682

14/11/07 13:00:59 INFO mapred.JobClient: Map input records=15669889

14/11/07 13:00:59 INFO mapred.JobClient: Reduce shuffle bytes=387682

14/11/07 13:00:59 INFO mapred.JobClient: Spilled Records=52258

14/11/07 13:00:59 INFO mapred.JobClient: Map output bytes=356792082

14/11/07 13:00:59 INFO mapred.JobClient: Total committed heap usage (bytes)=11756699648

14/11/07 13:00:59 INFO mapred.JobClient: CPU time spent (ms)=174390

14/11/07 13:00:59 INFO mapred.JobClient: Map input bytes=2183910056

14/11/07 13:00:59 INFO mapred.JobClient: SPLIT\_RAW\_BYTES=3663

14/11/07 13:00:59 INFO mapred.JobClient: Combine input records=15448144

14/11/07 13:00:59 INFO mapred.JobClient: Reduce input records=16894

14/11/07 13:00:59 INFO mapred.JobClient: Reduce input groups=687

14/11/07 13:00:59 INFO mapred.JobClient: Combine output records=22069

14/11/07 13:00:59 INFO mapred.JobClient: Physical memory (bytes) snapshot=11530608640

14/11/07 13:00:59 INFO mapred.JobClient: Reduce output records=687

14/11/07 13:00:59 INFO mapred.JobClient: Virtual memory (bytes) snapshot=35662807040

14/11/07 13:00:59 INFO mapred.JobClient: Map output records=15442969

**JOBTRACKER SUMMARY:**

2014-11-07 13:00:25,500 INFO org.apache.hadoop.mapred.JobTracker: jobToken generated and stored with users keys in /home/hadoop/mapred/job\_201411071216\_0017/jobToken

2014-11-07 13:00:25,516 INFO org.apache.hadoop.mapred.JobInProgress: job\_201411071216\_0017: nMaps=33 nReduces=1 max=-1

2014-11-07 13:00:25,516 INFO org.apache.hadoop.mapred.JobTracker: Job job\_201411071216\_0017 added successfully for user 'nxh130330' to queue 'default'

2014-11-07 13:00:25,517 INFO org.apache.hadoop.mapred.AuditLogger: USER=nxh130330 IP=10.176.92.129 OPERATION=SUBMIT\_JOB TARGET=job\_201411071216\_0017 RESULT=SUCCESS

2014-11-07 13:00:25,517 INFO org.apache.hadoop.mapred.JobTracker: Initializing job\_201411071216\_0017

2014-11-07 13:00:25,517 INFO org.apache.hadoop.mapred.JobInProgress: Initializing job\_201411071216\_0017

2014-11-07 13:00:25,545 INFO org.apache.hadoop.mapred.JobInProgress: Input size for job job\_201411071216\_0017 = 2183910056. Number of splits = 33

2014-11-07 13:00:25,548 INFO org.apache.hadoop.mapred.JobInProgress: job\_201411071216\_0017 LOCALITY\_WAIT\_FACTOR=1.0

2014-11-07 13:00:25,548 INFO org.apache.hadoop.mapred.JobInProgress: Job job\_201411071216\_0017 initialized successfully with 33 map tasks and 1 reduce tasks.

2014-11-07 13:00:58,809 INFO org.apache.hadoop.mapred.JobInProgress: Job job\_201411071216\_0017 has completed successfully.

2014-11-07 13:00:58,810 INFO org.apache.hadoop.mapred.JobInProgress$JobSummary: jobId=job\_201411071216\_0017,submitTime=1415386825500,launchTime=1415386825548,firstMapTaskLaunchTime=1415386827097,firstReduceTaskLaunchTime=1415386845818,firstJobSetupTaskLaunchTime=1415386825587,firstJobCleanupTaskLaunchTime=1415386856694,finishTime=1415386858809,numMaps=33,numSlotsPerMap=1,numReduces=1,numSlotsPerReduce=1,user=nxh130330,queue=default,status=SUCCEEDED,mapSlotSeconds=673,reduceSlotsSeconds=10,clusterMapCapacity=96,clusterReduceCapacity=96,jobName=RegionCrimeCount

2014-11-07 13:00:58,816 INFO org.apache.hadoop.mapred.JobHistory: Moving file:/home/hadoop/logs/history/job\_201411071216\_0017\_1415386825500\_nxh130330\_RegionCrimeCount to file:/home/hadoop/logs/history/done/version-1/cshdfs\_1415384193928\_/2014/11/07/000000

2014-11-07 13:00:58,819 INFO org.apache.hadoop.mapred.JobHistory: Moving file:/home/hadoop/logs/history/job\_201411071216\_0017\_conf.xml to file:/home/hadoop/logs/history/done/version-1/cshdfs\_1415384193928\_/2014/11/07/000000

**NAMENODE SUMMARY:**

2014-11-07 13:00:25,138 INFO org.apache.hadoop.hdfs.StateChange: BLOCK\* allocateBlock: /tmp/hadoop-hadoop/mapred/staging/nxh130330/.staging/job\_201411071216\_0017/job.jar. blk\_5251135326765298185\_187621

2014-11-07 13:00:25,246 INFO org.apache.hadoop.hdfs.StateChange: Removing lease on /tmp/hadoop-hadoop/mapred/staging/nxh130330/.staging/job\_201411071216\_0017/job.jar from client DFSClient\_NONMAPREDUCE\_-1917394800\_1

2014-11-07 13:00:25,246 INFO org.apache.hadoop.hdfs.StateChange: DIR\* completeFile: /tmp/hadoop-hadoop/mapred/staging/nxh130330/.staging/job\_201411071216\_0017/job.jar is closed by DFSClient\_NONMAPREDUCE\_-1917394800\_1

2014-11-07 13:00:25,247 INFO org.apache.hadoop.hdfs.server.namenode.FSNamesystem: Increasing replication for /tmp/hadoop-hadoop/mapred/staging/nxh130330/.staging/job\_201411071216\_0017/job.jar. New replication is 10

2014-11-07 13:00:25,290 INFO org.apache.hadoop.hdfs.server.namenode.FSNamesystem: Increasing replication for /tmp/hadoop-hadoop/mapred/staging/nxh130330/.staging/job\_201411071216\_0017/job.split. New replication is 10

2014-11-07 13:00:25,296 INFO org.apache.hadoop.hdfs.StateChange: BLOCK\* allocateBlock: /tmp/hadoop-hadoop/mapred/staging/nxh130330/.staging/job\_201411071216\_0017/job.split. blk\_6758807699162278668\_187622

2014-11-07 13:00:25,388 INFO org.apache.hadoop.hdfs.StateChange: Removing lease on /tmp/hadoop-hadoop/mapred/staging/nxh130330/.staging/job\_201411071216\_0017/job.split from client DFSClient\_NONMAPREDUCE\_-1917394800\_1

2014-11-07 13:00:25,389 INFO org.apache.hadoop.hdfs.StateChange: DIR\* completeFile: /tmp/hadoop-hadoop/mapred/staging/nxh130330/.staging/job\_201411071216\_0017/job.split is closed by DFSClient\_NONMAPREDUCE\_-1917394800\_1

2014-11-07 13:00:25,399 INFO org.apache.hadoop.hdfs.StateChange: BLOCK\* allocateBlock: /tmp/hadoop-hadoop/mapred/staging/nxh130330/.staging/job\_201411071216\_0017/job.splitmetainfo. blk\_-9199821356040803295\_187623

2014-11-07 13:00:25,402 INFO org.apache.hadoop.hdfs.StateChange: Removing lease on /tmp/hadoop-hadoop/mapred/staging/nxh130330/.staging/job\_201411071216\_0017/job.splitmetainfo from client DFSClient\_NONMAPREDUCE\_-1917394800\_1

2014-11-07 13:00:25,402 INFO org.apache.hadoop.hdfs.StateChange: DIR\* completeFile: /tmp/hadoop-hadoop/mapred/staging/nxh130330/.staging/job\_201411071216\_0017/job.splitmetainfo is closed by DFSClient\_NONMAPREDUCE\_-1917394800\_1

2014-11-07 13:00:25,471 INFO org.apache.hadoop.hdfs.StateChange: BLOCK\* allocateBlock: /tmp/hadoop-hadoop/mapred/staging/nxh130330/.staging/job\_201411071216\_0017/job.xml. blk\_-4048561587904619357\_187624

2014-11-07 13:00:25,477 INFO org.apache.hadoop.hdfs.StateChange: Removing lease on /tmp/hadoop-hadoop/mapred/staging/nxh130330/.staging/job\_201411071216\_0017/job.xml from client DFSClient\_NONMAPREDUCE\_-1917394800\_1

2014-11-07 13:00:25,477 INFO org.apache.hadoop.hdfs.StateChange: DIR\* completeFile: /tmp/hadoop-hadoop/mapred/staging/nxh130330/.staging/job\_201411071216\_0017/job.xml is closed by DFSClient\_NONMAPREDUCE\_-1917394800\_1

2014-11-07 13:00:25,488 INFO org.apache.hadoop.hdfs.StateChange: BLOCK\* allocateBlock: /home/hadoop/mapred/job\_201411071216\_0017/job-info. blk\_4332348467570842161\_187625

2014-11-07 13:00:25,492 INFO org.apache.hadoop.hdfs.StateChange: Removing lease on /home/hadoop/mapred/job\_201411071216\_0017/job-info from client DFSClient\_NONMAPREDUCE\_-851221293\_1

2014-11-07 13:00:25,493 INFO org.apache.hadoop.hdfs.StateChange: DIR\* completeFile: /home/hadoop/mapred/job\_201411071216\_0017/job-info is closed by DFSClient\_NONMAPREDUCE\_-851221293\_1

2014-11-07 13:00:25,496 INFO org.apache.hadoop.hdfs.StateChange: BLOCK\* allocateBlock: /home/hadoop/mapred/job\_201411071216\_0017/jobToken. blk\_7233267737678004724\_187626

2014-11-07 13:00:25,499 INFO org.apache.hadoop.hdfs.StateChange: Removing lease on /home/hadoop/mapred/job\_201411071216\_0017/jobToken from client DFSClient\_NONMAPREDUCE\_-851221293\_1

2014-11-07 13:00:25,499 INFO org.apache.hadoop.hdfs.StateChange: DIR\* completeFile: /home/hadoop/mapred/job\_201411071216\_0017/jobToken is closed by DFSClient\_NONMAPREDUCE\_-851221293\_1

2014-11-07 13:00:25,536 INFO org.apache.hadoop.hdfs.StateChange: BLOCK\* allocateBlock: /user/nxh130330/output\_files2/\_logs/history/job\_201411071216\_0017\_conf.xml. blk\_730983099467513124\_187628

2014-11-07 13:00:25,541 INFO org.apache.hadoop.hdfs.StateChange: Removing lease on /user/nxh130330/output\_files2/\_logs/history/job\_201411071216\_0017\_conf.xml from client DFSClient\_NONMAPREDUCE\_196950025\_31

2014-11-07 13:00:25,541 INFO org.apache.hadoop.hdfs.StateChange: DIR\* completeFile: /user/nxh130330/output\_files2/\_logs/history/job\_201411071216\_0017\_conf.xml is closed by DFSClient\_NONMAPREDUCE\_196950025\_31

2014-11-07 13:00:47,896 INFO org.apache.hadoop.hdfs.StateChange: BLOCK\* allocateBlock: /user/nxh130330/output\_files2/\_logs/history/job\_201411071216\_0017\_1415386825500\_nxh130330\_RegionCrimeCount. blk\_5875570074486090290\_187628

2014-11-07 13:00:58,813 INFO org.apache.hadoop.hdfs.StateChange: Removing lease on /user/nxh130330/output\_files2/\_logs/history/job\_201411071216\_0017\_1415386825500\_nxh130330\_RegionCrimeCount from client DFSClient\_NONMAPREDUCE\_196950025\_31

2014-11-07 13:00:58,814 INFO org.apache.hadoop.hdfs.StateChange: DIR\* completeFile: /user/nxh130330/output\_files2/\_logs/history/job\_201411071216\_0017\_1415386825500\_nxh130330\_RegionCrimeCount is closed by DFSClient\_NONMAPREDUCE\_196950025\_31