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Course: CS6620 Spring 2024

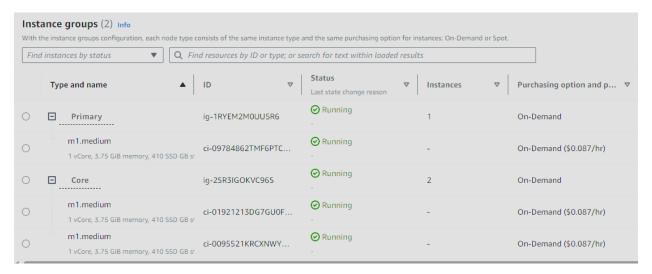
Homework 1 Report

Local IDE Results

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AWS Results

EMR Cluster Configuration



Step Execution Result



Input file on S3



Output Directory on S3



JAR file location on S3



Last lines of syslog.txt

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syslog.txt
File
                 Edit View
File Edit View

2024-02-05 22:15:22,950 INFO org.apache.hadoop.mapreduce.Job (main): map 98% reduce 20%

2024-02-05 22:15:22,955 INFO org.apache.hadoop.mapreduce.Job (main): map 98% reduce 21%

2024-02-05 22:15:23,956 INFO org.apache.hadoop.mapreduce.Job (main): map 100% reduce 21%

2024-02-05 22:15:25,961 INFO org.apache.hadoop.mapreduce.Job (main): map 100% reduce 21%

2024-02-05 22:15:28,973 INFO org.apache.hadoop.mapreduce.Job (main): map 100% reduce 100%

2024-02-05 22:15:30,985 INFO org.apache.hadoop.mapreduce.Job (main): Job job_1707169248635_0002 completed successfully

2024-02-05 22:15:31,228 INFO org.apache.hadoop.mapreduce.Job (main): Counters: 61
                          -05 22:15:31,228 INFO org.apache.hadoop.mapreduce
File System Counters
FILE: Number of bytes read=6025225
FILE: Number of bytes written=12766216
FILE: Number of read operations=0
FILE: Number of large read operations=0
HDFS: Number of write operations=0
HDFS: Number of bytes read=2178
HDFS: Number of bytes written=0
HDFS: Number of read operations=22
HDFS: Number of large read operations=0
HDFS: Number of write operations=0
HDFS: Number of write operations=0
                                                        nors: Number of byte operations—0
HDFS: Number of bytes read erasure-coded=0
53: Number of bytes read=1454182711
53: Number of bytes written=72815
53: Number of read operations=0
                                                         S3: Number of large read operations=0
S3: Number of write operations=0
                            Job Counters

Killed map tasks=1
                                                       Killed reduce tasks=1
Launched map tasks=22
Launched reduce tasks=3
Data-local map tasks=22
                                                       Data-local map tasks-22
Total time spent by all maps in occupied slots (ms)=20207016
Total time spent by all reduces in occupied slots (ms)=6692032
Total time spent by all map tasks (ms)=841959
Total time spent by all reduce tasks (ms)=209126
Total vcore-milliseconds taken by all map tasks=841959
Total vcore-milliseconds taken by all reduce tasks=209126
Total megabyte-milliseconds taken by all map tasks=646624512
Total megabyte-milliseconds taken by all reduce tasks=214145924
                             Map-Reduce Framework
                                                        Map input records=21907700
                                                       Map output records=248943500
Map output bytes=2418234700
Map output materialized bytes=1916143
Input split bytes=2178
                                                         Combine input records=248943500
                                                        Reduce input groups=5273
Reduce shuffle bytes=1916143
                                                         Reduce input records=232012
                                                         Reduce output records=5273
Spilled Records=696036
                                                         Shuffled Maps =66
Failed Shuffles=0
                                                        Merged Map outputs=66
GC time elapsed (ms)=14964
                                                       CPU time spent (ms)=1000
CPU time spent (ms)=4104000
Physical memory (bytes) snapshot=11395403776
Virtual memory (bytes) snapshot=58716188672
Total committed heap usage (bytes)=6135898112
                                                        Peak Map Physical memory (bytes)-4900908688
Peak Map Virtual memory (bytes)-2315685888
Peak Reduce Physical memory (bytes)-279863296
Peak Reduce Virtual memory (bytes)-2798497728
                            Shuffle Errors
BAD_ID=0
CONNECTION=0
                                                          IO_ERROR=0
                                                         WRONG LENGTH=0
                                                       WRONG_MAP=0
WRONG_REDUCE=0
                            File Input Format Counters
Bytes Read=1454182711
                            File Output Format Counters
Bytes Written=72815
```