{"Event":"SparkListenerLogStart","Spark Version":"2.3.0.cloudera2"}

{"Event":"SparkListenerBlockManagerAdded","Block Manager ID":{"Executor ID":"driver","Host":"ip-10-0-0-201.ec2.internal","Port":39714},"Maximum Memory":384093388,"Timestamp":1561371217608,"Maximum Onheap Memory":384093388,"Maximum Offheap Memory":0}

{"Event":"SparkListenerEnvironmentUpdate","JVM Information":{"Java Home":"/usr/java/jdk1.8.0_161/jre","Java Version":"1.8.0_161 (Oracle Corporation)","Scala Version":"version 2.11.8"},"Spark Properties":{"spark.lineage.log.dir":"/var/log/spark2/lineage","spark.serializer":"org.apache.spark.serializer.KryoSerializer","spark.yarn.jars":"local:/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-1.cdh5.13.3.p0.316101/lib/spark2/jars/*","spark.driver.host":"ip-10-0-0-201.ec2.internal","spark.eventLog.enabled":"true","spark.driver.port":"33480","spark.shuffle.service.enabled":"true","spark.extraListeners":"com.cloudera.spark.lineage.NavigatorAppListener","spark.driver.extraLibraryPath":"/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/lib/hadoop/lib/native","spark.lineage.enabled":"true","spark.jars":"********(redacted)","spark.yarn.historyServer.address":"http://ip-10-0-0-

201.ec2.internal:18089","spark.ui.enabled":"true","spark.app.name":"Spark1","spark.ui.killEnabled":"true","spark.sql.hive.metastore.jars":"${env:HADOOP_COMMON_HOME}/../hive/lib/*:${env:HADOOP_COMMON_HOME}/client/*","spark.dynamicAllocation.schedulerBacklogTimeout":"1","spark.yarn.am.extraLibraryPath":"/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/lib/hadoop/lib/native","spark.scheduler.mode":"FIFO","spark.yarn.config.gatewayPath":"/opt/cloudera/parcels","spark.sql.queryExecutionListeners":"com.cloudera.spark.lineage.NavigatorQueryListener","spark.executor.id":"driver","spark.yarn.config.replacementPath":"{{HADOOP_COMMON_HOME}}/../../..","spark.submit.deployMode":"client","spark.shuffle.service.port":"7337","spark.master":"yarn","spark.authenticate":"false","spark.ui.filters":"org.apache.hadoop.yarn.server.webproxy.amfilter.AmIpFilter","spark.network.crypto.enabled":"false","spark.executor.extraLibraryPath":"/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/lib/hadoop/lib/native","spark.io.encryption.enabled":"false","spark.eventLog.dir":"*********(redacted)","spark.dynamicAllocation.enabled":"true","spark.sql.catalogImplementation":"hive","spark.driver.appUIAddress":"http://ip-10-0-0-201.ec2.internal:4040","spark.org.apache.hadoop.yarn.server.webproxy.amfilter.AmIpFilter.param.PROXY_HOSTS":"ip-10-0-0-201.ec2.internal","spark.dynamicAllocation.minExecutors":"0","spark.org.apache.hadoop.yarn.server.webproxy.amfilter.AmIpFilter.param.PROXY_URI_BASES":"http://ip-10-0-0-201.ec2.internal:8088/proxy/application_1561356695367_0010","spark.dynamicAllocation.executorIdleTimeout":"60","spark.app.id":"application_1561356695367_0010","spark.sql.hive.metastore.version":"1.1.0"},"System Properties":{"java.io.tmpdir":"/tmp","line.separator":"\n","path.separator":":","sun.management.compiler":"HotSpot 64-Bit Tiered Compilers","SPARK_SUBMIT":"true","sun.cpu.endian":"little","java.specification.version":"1.8","java.vm.specification.name":"Java Virtual Machine Specification","java.vendor":"Oracle Corporation","java.vm.specification.version":"1.8","user.home":"*********(redacted)","file.encoding.pkg":"sun.io","sun.nio.ch.bugLevel":"","sun.arch.data.model":"64","sun.boot.library.path":"/usr/java/jdk1.8.0_161/jre/lib/amd64","user.dir":"*********(redacted)","java.library.path":":/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/lib/hadoop/lib/native:/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/lib/hadoop/lib/native:/usr/java/packages/lib/amd64:/usr/lib64:/lib64:/lib:/usr/lib","sun.cpu.isalist":"","os.arch":"amd64","java.vm.version":"25.161-b12","java.endorsed.dirs":"/usr/java/jdk1.8.0_161/jre/lib/endorsed","java.runtime.version":"1.8.0_161-b12","java.vm.info":"mixed mode","java.ext.dirs":"/usr/java/jdk1.8.0_161/jre/lib/ext:/usr/java/packages/lib/ext","java.runtime.name":"Java(TM) SE Runtime Environment","file.separator":"/","java.class.version":"52.0","java.specification.name":"Java Platform API Specification","sun.boot.class.path":"/usr/java/jdk1.8.0_161/jre/lib/resources.jar:/usr/java/jdk1.8.0_161/jre/lib/rt.jar:/usr/java/jdk1.8.0_161/jre/lib/sunrsasign.jar:/usr/java/jdk1.8.0_161/jre/lib/jsse.jar:/usr/java/jdk1.8.0_161/jre/lib/jce.jar:/usr/java/jdk1.8.0_161/jre/lib/charsets.jar:/usr/java/jdk1.8.0_161/jre/lib/jfr.jar:/usr/java/jdk1.8.0_161/jre/classes","file.encoding":"UTF-8","user.timezone":"*********(redacted)","java.specification.vendor":"Oracle Corporation","sun.java.launcher":"SUN_STANDARD","os.version":"3.10.0-862.el7.x86_64","sun.os.patch.level":"unknown","java.vm.specification.vendor":"Oracle Corporation","user.country":"*********(redacted)","sun.jnu.encoding":"UTF-8","user.language":"*********(redacted)","java.vendor.url":"*********(redacted)","java.awt.printerjob":"sun.print.PSPrinterJob","java.awt.graphicsenv":"sun.awt.X11GraphicsEnvironment","awt.toolkit":"sun.awt.X11.XToolkit","os.name":"Linux","java.vm.vendor":"Oracle

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1.cdh5.13.3.p0.316101/lib/spark2/conf/":"System Classpath","/opt/cloudera/parcels/SPARK2-
2.3.0.cloudera2-1.cdh5.13.3.p0.316101/lib/spark2/jars/hive-shims-0.23-1.1.0-
cdh5.13.3.jar":"System Classpath","/opt/cloudera/parcels/CDH-5.15.1-
1.cdh5.15.1.p0.4/lib/hadoop/NOTICE.txt":"System Classpath","/opt/cloudera/parcels/SPARK2-
2.3.0.cloudera2-1.cdh5.13.3.p0.316101/lib/spark2/jars/jtransforms-2.4.0.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/activation-1.1.jar":"System
Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/kafka-0.9/lz4-1.3.0.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/commons-codec-
1.9.jar":"System Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/paranamer-
2.3.jar":"System Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/parquet-format-2.1.0-cdh5.13.3.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/hbase-it-1.2.0-
cdh5.15.1.jar":"System Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/hbase-
external-blockcache-1.2.0-cdh5.15.1.jar":"System Classpath","/opt/cloudera/parcels/CDH-5.15.1-
1.cdh5.15.1.p0.4/jars/hbase-hadoop-compat-1.2.0-cdh5.15.1.jar":"System
Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/hive-shims-common-1.1.0-cdh5.13.3.jar":"System
Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/commons-pool-1.5.4.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/hbase-protocol-1.2.0-
cdh5.15.1.jar":"System Classpath","/opt/cloudera/parcels/CDH-5.15.1-
1.cdh5.15.1.p0.4/jars/apacheds-kerberos-codec-2.0.0-M15.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/javax.inject-1.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/apacheds-i18n-2.0.0-
M15.jar":"System Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/antlr-2.7.7.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/hadoop-mapreduce-examples-
2.6.0-cdh5.15.1.jar":"System Classpath","/opt/cloudera/parcels/CDH-5.15.1-
1.cdh5.15.1.p0.4/jars/jsr305-3.0.0.jar":"System Classpath","/opt/cloudera/parcels/CDH-5.15.1-
1.cdh5.15.1.p0.4/jars/curator-client-2.7.1.jar":"System Classpath","/opt/cloudera/parcels/CDH-
5.15.1-1.cdh5.15.1.p0.4/jars/guava-12.0.1.jar":"System Classpath","/opt/cloudera/parcels/SPARK2-
2.3.0.cloudera2-1.cdh5.13.3.p0.316101/lib/spark2/jars/spark-hive-exec_2.11-
2.3.0.cloudera2.jar":"System Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/zstd-jni-1.3.2-2.jar":"System
Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/commons-compress-1.4.1.jar":"System

Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/bonecp-0.7.1.RELEASE.jar":"System
Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/metrics-jvm-3.1.5.jar":"System
Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/datanucleus-rdbms-3.2.9.jar":"System
Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/parquet-hadoop-bundle-1.5.0-cdh5.13.3.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/leveldbjni-all-1.8.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/hbase-server-1.2.0-
cdh5.15.1.jar":"System Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/json4s-ast_2.11-3.2.11.jar":"System
Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/flume-ng-core-1.6.0-cdh5.13.3.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/hadoop-openstack-2.6.0-
cdh5.15.1.jar":"System Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/jersey-common-2.22.2.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/disruptor-3.3.0.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/avro-1.7.6-
cdh5.15.1.jar":"System Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/scala-compiler-2.11.8.jar":"System
Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/py4j-0.10.6.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/log4j-1.2.16.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/jasper-compiler-
5.5.23.jar":"System Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/jetty-util-6.1.26.cloudera.4.jar":"System
Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/chill_2.11-0.8.0.jar":"System
Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/hive-metastore-1.1.0-cdh5.13.3.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/hadoop-extras-2.6.0-
cdh5.15.1.jar":"System Classpath","/opt/cloudera/parcels/CDH-5.15.1-
1.cdh5.15.1.p0.4/jars/hadoop-archives-2.6.0-cdh5.15.1.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/jsp-api-2.1.jar":"System
Classpath","/opt/cloudera/parcels/SPARK2-2.3.0.cloudera2-
1.cdh5.13.3.p0.316101/lib/spark2/jars/spark-network-shuffle_2.11-2.3.0.cloudera2.jar":"System
Classpath","/opt/cloudera/parcels/CDH-5.15.1-1.cdh5.15.1.p0.4/jars/hbase-common-1.2.0-
cdh5.15.1.jar":"System Classpath"}}

{"Event":"SparkListenerApplicationStart","App Name":"Spark1","App
ID":"application_1561356695367_0010","Timestamp":1561371204965,"User":"ec2-user"}

{"Event":"SparkListenerJobStart","Job ID":0,"Submission Time":1561371218766,"Stage
Infos":[{"Stage ID":0,"Stage Attempt ID":0,"Stage Name":"foreach at SparkRDD1.java:43","Number
of Tasks":39,"RDD Info":[{"RDD
ID":2,"Name":"MapPartitionsRDD","Scope":"{\"id\":\"1\",\"name\":\"filter\"}","Callsite":"filter at
SparkRDD1.java:28","Parent IDs":[1],"Storage Level":{"Use Disk":false,"Use
Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached

Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":1,"Name":"/user/ec2-user/spark_assignment/input2/yellow_tripdata_*","Scope":"{\"id\":\"0\",\"name\":\"textFile\"}","Callsite":"textFile at SparkRDD1.java:25","Parent IDs":[0],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":0,"Name":"/user/ec2-user/spark_assignment/input2/yellow_tripdata_*","Scope":"{\"id\":\"0\",\"name\":\"textFile\"}","Callsite":"textFile at SparkRDD1.java:25","Parent IDs":[],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0}],"Parent IDs":[],"Details":"org.apache.spark.api.java.AbstractJavaRDDLike.foreach(JavaRDDLike.scala:45)\nsparkAssignmentRDDfetch.SparkRDD1.main(SparkRDD1.java:43)\nsun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)\nsun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)\nsun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)\njava.lang.reflect.Method.invoke(Method.java:498)\norg.apache.spark.deploy.JavaMainApplication.start(SparkApplication.scala:52)\norg.apache.spark.deploy.SparkSubmit$.org$apache$spark$deploy$SparkSubmit$$runMain(SparkSubmit.scala:892)\norg.apache.spark.deploy.SparkSubmit$.doRunMain$1(SparkSubmit.scala:197)\norg.apache.spark.deploy.SparkSubmit$.submit(SparkSubmit.scala:227)\norg.apache.spark.deploy.SparkSubmit$.main(SparkSubmit.scala:136)\norg.apache.spark.deploy.SparkSubmit.main(SparkSubmit.scala)","Accumulables":[]}],"Stage IDs":[0],"Properties":{"spark.rdd.scope.noOverride":"true","spark.rdd.scope":"{\"id\":\"2\",\"name\":\"foreach\"}"}}}

{"Event":"SparkListenerStageSubmitted","Stage Info":{"Stage ID":0,"Stage Attempt ID":0,"Stage Name":"foreach at SparkRDD1.java:43","Number of Tasks":39,"RDD Info":[{"RDD ID":2,"Name":"MapPartitionsRDD","Scope":"{\"id\":\"1\",\"name\":\"filter\"}","Callsite":"filter at SparkRDD1.java:28","Parent IDs":[1],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":1,"Name":"/user/ec2-user/spark_assignment/input2/yellow_tripdata_*","Scope":"{\"id\":\"0\",\"name\":\"textFile\"}","Callsite":"textFile at SparkRDD1.java:25","Parent IDs":[0],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":0,"Name":"/user/ec2-user/spark_assignment/input2/yellow_tripdata_*","Scope":"{\"id\":\"0\",\"name\":\"textFile\"}","Callsite":"textFile at SparkRDD1.java:25","Parent IDs":[],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0}],"Parent IDs":[],"Details":"org.apache.spark.api.java.AbstractJavaRDDLike.foreach(JavaRDDLike.scala:45)\nsparkAssignmentRDDfetch.SparkRDD1.main(SparkRDD1.java:43)\nsun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)\nsun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)\nsun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)\njava.lang.reflect.Method.invoke(Method.java:498)\norg.apache.spark.deploy.JavaMainApplication.start(SparkApplication.scala:52)\norg.apache.spark.deploy.SparkSubmit$.org$apache$spark$deploy$SparkSubmit$$runMain(SparkSubmit.scala:892)\norg.apache.spark.deploy.SparkSubmit$.doRunMain$1(SparkSubmit.scala:197)\norg.apache.spark.deploy.SparkSubmit$.submit(SparkSubmit.scala:227)\norg.apache.spark.deploy.SparkSubmit$.main(SparkSubmit.scala:136)\norg.apache.spark.deploy.SparkSubmit.main(SparkSubmit.scala)","Submission

Time":1561371218804,"Accumulables":[]},"Properties":{"spark.rdd.scope.noOverride":"true","spark.rdd.scope":"{\"id\":\"2\",\"name\":\"foreach\"}"}}}

{"Event":"SparkListenerExecutorAdded","Timestamp":1561371224820,"Executor ID":"1","Executor Info":{"Host":"ip-10-0-0-201.ec2.internal","Total Cores":1,"Log Urls":{"stdout":"http://ip-10-0-0-201.ec2.internal:8042/node/containerlogs/container_1561356695367_0010_01_000002/ec2-user/stdout?start=-4096","stderr":"http://ip-10-0-0-201.ec2.internal:8042/node/containerlogs/container_1561356695367_0010_01_000002/ec2-user/stderr?start=-4096"}}}

{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task ID":0,"Index":0,"Attempt":0,"Launch Time":1561371224825,"Executor ID":"1","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerBlockManagerAdded","Block Manager ID":{"Executor ID":"1","Host":"ip-10-0-0-201.ec2.internal","Port":45375},"Maximum Memory":384093388,"Timestamp":1561371224973,"Maximum Onheap Memory":384093388,"Maximum Offheap Memory":0}

{"Event":"SparkListenerExecutorAdded","Timestamp":1561371226792,"Executor ID":"2","Executor Info":{"Host":"ip-10-0-0-201.ec2.internal","Total Cores":1,"Log Urls":{"stdout":"http://ip-10-0-0-201.ec2.internal:8042/node/containerlogs/container_1561356695367_0010_01_000003/ec2-user/stdout?start=-4096","stderr":"http://ip-10-0-0-201.ec2.internal:8042/node/containerlogs/container_1561356695367_0010_01_000003/ec2-user/stderr?start=-4096"}}}

{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task ID":1,"Index":1,"Attempt":0,"Launch Time":1561371226818,"Executor ID":"2","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerBlockManagerAdded","Block Manager ID":{"Executor ID":"2","Host":"ip-10-0-0-201.ec2.internal","Port":46633},"Maximum Memory":384093388,"Timestamp":1561371226934,"Maximum Onheap Memory":384093388,"Maximum Offheap Memory":0}

{"Event":"SparkListenerExecutorAdded","Timestamp":1561371227476,"Executor ID":"3","Executor Info":{"Host":"ip-10-0-0-201.ec2.internal","Total Cores":1,"Log Urls":{"stdout":"http://ip-10-0-0-201.ec2.internal:8042/node/containerlogs/container_1561356695367_0010_01_000004/ec2-user/stdout?start=-4096","stderr":"http://ip-10-0-0-201.ec2.internal:8042/node/containerlogs/container_1561356695367_0010_01_000004/ec2-user/stderr?start=-4096"}}}

{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task ID":2,"Index":2,"Attempt":0,"Launch Time":1561371227477,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerBlockManagerAdded","Block Manager ID":{"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Port":35863},"Maximum

Memory":384093388,"Timestamp":1561371227636,"Maximum Onheap
Memory":384093388,"Maximum Offheap Memory":0}

{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task
ID":3,"Index":3,"Attempt":0,"Launch Time":1561371234215,"Executor ID":"1","Host":"ip-10-0-0-
201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish
Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task
End Reason":{"Reason":"Success"},"Task Info":{"Task ID":0,"Index":0,"Attempt":0,"Launch
Time":1561371224825,"Executor ID":"1","Host":"ip-10-0-0-
201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish
Time":1561371234334,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metri
cs.input.recordsRead","Update":1527733,"Value":1527733,"Internal":true,"Count Failed
Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":134
283264,"Internal":true,"Count Failed
Values":true},{"ID":6,"Name":"internal.metrics.resultSerializationTime","Update":2,"Value":2,"Intern
al":true,"Count Failed
Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":373,"Value":373,"Internal":tru
e,"Count Failed
Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":838,"Value":838,"Internal":true,
"Count Failed
Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":4863063555,"Value":48
63063555,"Internal":true,"Count Failed
Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":7184,"Value":7184,"Int
ernal":true,"Count Failed
Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":709833084,"
Value":709833084,"Internal":true,"Count Failed
Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":1812,"Value":18
12,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize
Time":1812,"Executor Deserialize CPU Time":709833084,"Executor Run Time":7184,"Executor CPU
Time":4863063555,"Result Size":838,"JVM GC Time":373,"Result Serialization Time":2,"Memory
Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local
Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To
Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes
Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes
Read":134283264,"Records Read":1527733},"Output Metrics":{"Bytes Written":0,"Records
Written":0},"Updated Blocks":[]}}

{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task
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201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish
Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task
End Reason":{"Reason":"Success"},"Task Info":{"Task ID":1,"Index":1,"Attempt":0,"Launch
Time":1561371226818,"Executor ID":"2","Host":"ip-10-0-0-
201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish
Time":1561371236266,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metri
cs.input.recordsRead","Update":1521407,"Value":3049140,"Internal":true,"Count Failed

Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":268566528,"Internal":true,"Count Failed
Values":true},{"ID":6,"Name":"internal.metrics.resultSerializationTime","Update":1,"Value":3,"Internal":true,"Count Failed
Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":438,"Value":811,"Internal":true,"Count Failed
Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":838,"Value":1676,"Internal":true,"Count Failed
Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":4693075080,"Value":9556138635,"Internal":true,"Count Failed
Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":7445,"Value":14629,"Internal":true,"Count Failed
Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":727947216,"Value":1437780300,"Internal":true,"Count Failed
Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":1679,"Value":3491,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":1679,"Executor Deserialize CPU Time":727947216,"Executor Run Time":7445,"Executor CPU Time":4693075080,"Result Size":838,"JVM GC Time":438,"Result Serialization Time":1,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":134283264,"Records Read":1521407},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task ID":5,"Index":5,"Attempt":0,"Launch Time":1561371237179,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":2,"Index":2,"Attempt":0,"Launch Time":1561371227477,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371237190,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1521715,"Value":4570855,"Internal":true,"Count Failed
Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":402849792,"Internal":true,"Count Failed
Values":true},{"ID":6,"Name":"internal.metrics.resultSerializationTime","Update":1,"Value":4,"Internal":true,"Count Failed
Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":567,"Value":1378,"Internal":true,"Count Failed
Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":838,"Value":2514,"Internal":true,"Count Failed
Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":4838932140,"Value":14395070775,"Internal":true,"Count Failed
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{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task ID":9,"Index":9,"Attempt":0,"Launch Time":1561371241444,"Executor ID":"1","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":6,"Index":6,"Attempt":0,"Launch Time":1561371237615,"Executor ID":"1","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371241446,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1521149,"Value":10109637,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":891747473,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":41,"Value":1558,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":5737,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":3264226600,"Value":25082632426,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":3804,"Value":34169,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":4368377,"Value":2182298152,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":4,"Value":5701,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":4,"Executor Deserialize CPU Time":4368377,"Executor Run Time":3804,"Executor CPU Time":3264226600,"Result Size":795,"JVM GC Time":41,"Result Serialization Time":0,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":134283264,"Records Read":1521149},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":7,"Index":7,"Attempt":0,"Launch Time":1561371239249,"Executor ID":"2","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371242560,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1523098,"Value":13155566,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":1160314001,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":59,"Value":1643,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":7327,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":2938037031,"Value":30

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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":11,"Index":11,"Attempt":0,"Launch Time":1561371242558,"Executor ID":"2","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371243967,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":809369,"Value":13964935,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":71329760,"Value":1231643761,"Internal":true,"Count Failed Values":true},{"ID":6,"Name":"internal.metrics.resultSerializationTime","Update":1,"Value":6,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":12,"Value":1655,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":838,"Value":8165,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":1258666182,"Value":32003449442,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":1367,"Value":41818,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":4099920,"Value":2196180453,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":4,"Value":5715,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":4,"Executor Deserialize CPU Time":4099920,"Executor Run Time":1367,"Executor CPU Time":1258666182,"Result Size":838,"JVM GC Time":12,"Result Serialization Time":1,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":71329760,"Records Read":809369},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":9,"Index":9,"Attempt":0,"Launch Time":1561371241444,"Executor ID":"1","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371244711,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1523049,"Value":15487984,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":1365927025,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":60,"Value":1715,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":8960,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":3056306849,"Value":35059756291,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":3229,"Value":45047,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":4604589,"Value":2200785042,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":4,"Value":5719,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":4,"Executor Deserialize CPU Time":4604589,"Executor Run Time":3229,"Executor CPU Time":3056306849,"Result Size":795,"JVM GC Time":60,"Result Serialization Time":0,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":134283264,"Records Read":1523049},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task ID":14,"Index":14,"Attempt":0,"Launch Time":1561371245776,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":10,"Index":10,"Attempt":0,"Launch Time":1561371242394,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371245777,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1522659,"Value":17010643,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":1500210289,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":38,"Value":1753,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":9755,"Internal":true

e,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":3171265208,"Value":38231021499,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":3351,"Value":48398,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":4568185,"Value":2205353227,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":5,"Value":5724,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":5,"Executor Deserialize CPU Time":4568185,"Executor Run Time":3351,"Executor CPU Time":3171265208,"Result Size":795,"JVM GC Time":38,"Result Serialization Time":0,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":134283264,"Records Read":1522659},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":12,"Index":12,"Attempt":0,"Launch Time":1561371243962,"Executor ID":"2","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371246331,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1524530,"Value":18535173,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":1634493553,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":29,"Value":1782,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":10550,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":2226699355,"Value":40457720854,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":2344,"Value":50742,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":4499282,"Value":2209852509,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":5,"Value":5729,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":5,"Executor Deserialize CPU Time":4499282,"Executor Run Time":2344,"Executor CPU Time":2226699355,"Result Size":795,"JVM GC Time":29,"Result Serialization Time":0,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":134283264,"Records Read":1524530},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":13,"Index":13,"Attempt":0,"Launch Time":1561371244709,"Executor ID":"1","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371248056,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1521900,"Value":20057073,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":1768776817,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":39,"Value":1821,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":11345,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":3202406837,"Value":43660127691,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":3318,"Value":54060,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":4386751,"Value":2214239260,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":5,"Value":5734,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":5,"Executor Deserialize CPU Time":4386751,"Executor Run Time":3318,"Executor CPU Time":3202406837,"Result Size":795,"JVM GC Time":39,"Result Serialization Time":0,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":134283264,"Records Read":1521900},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":15,"Index":15,"Attempt":0,"Launch Time":1561371246328,"Executor ID":"2","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371248591,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1521382,"Value":21578455,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":1903060081,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":32,"Value":1853,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":12140,"Internal":tr

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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task
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201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish
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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":17,"Index":17,"Attempt":0,"Launch Time":1561371248590,"Executor ID":"2","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371250761,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1336216,"Value":24434389,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":117983715,"Value":2155327060,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":21,"Value":1923,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":13730,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":2079448972,"Value":50806766637,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":2150,"Value":61443,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":3393078,"Value":2226069646,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":3,"Value":5747,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":3,"Executor Deserialize CPU Time":3393078,"Executor Run Time":2150,"Executor CPU Time":2079448972,"Result Size":795,"JVM GC Time":21,"Result Serialization Time":0,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":117983715,"Records Read":1336216},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task ID":20,"Index":20,"Attempt":0,"Launch Time":1561371251088,"Executor ID":"1","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":16,"Index":16,"Attempt":0,"Launch Time":1561371248050,"Executor ID":"1","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371251097,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1521715,"Value":25956104,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":2289610324,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":31,"Value":1954,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":14525,"Internal":tr

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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task
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201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish
Time":1561371251720,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metri
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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":20,"Index":20,"Attempt":0,"Launch Time":1561371251088,"Executor ID":"1","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371253453,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1521191,"Value":28997812,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":2558176852,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":25,"Value":2022,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":16115,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":2272635987,"Value":58698656539,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":2345,"Value":69685,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":2995402,"Value":2238008064,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":3,"Value":5758,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":3,"Executor Deserialize CPU Time":2995402,"Executor Run Time":2345,"Executor CPU Time":2272635987,"Result Size":795,"JVM GC Time":25,"Result Serialization Time":0,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":134283264,"Records Read":1521191},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task ID":23,"Index":23,"Attempt":0,"Launch Time":1561371253936,"Executor ID":"2","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":19,"Index":19,"Attempt":0,"Launch Time":1561371250758,"Executor ID":"2","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371253937,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1522176,"Value":30519988,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":2692460116,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":45,"Value":2067,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":16910,"Internal":tr

ue,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":3022897942,"Value":61721554481,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":3146,"Value":72831,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":4092099,"Value":2242100163,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":4,"Value":5762,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":4,"Executor Deserialize CPU Time":4092099,"Executor Run Time":3146,"Executor CPU Time":3022897942,"Result Size":795,"JVM GC Time":45,"Result Serialization Time":0,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":134283264,"Records Read":1522176},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task ID":24,"Index":24,"Attempt":0,"Launch Time":1561371255065,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":21,"Index":21,"Attempt":0,"Launch Time":1561371251717,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371255066,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1519741,"Value":32039729,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":2826743380,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":31,"Value":2098,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":17705,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":3235405823,"Value":64956960304,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":3313,"Value":76144,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":3229634,"Value":2245329797,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":3,"Value":5765,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":3,"Executor Deserialize CPU Time":3229634,"Executor Run Time":3313,"Executor CPU Time":3235405823,"Result Size":795,"JVM GC Time":31,"Result Serialization Time":0,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":134283264,"Records Read":1519741},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

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{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task ID":26,"Index":26,"Attempt":0,"Launch Time":1561371256308,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":24,"Index":24,"Attempt":0,"Launch Time":1561371255065,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371256310,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":643032,"Value":34204337,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":56688482,"Value":3017715126,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":14,"Value":2134,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":19295,"Internal":tr

ue,"Count Failed
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Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":3713819,"Value":2253057031,"Internal":true,"Count Failed
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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":23,"Index":23,"Attempt":0,"Launch Time":1561371253936,"Executor ID":"2","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371256706,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1520584,"Value":35724921,"Internal":true,"Count Failed
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Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":2747,"Value":82559,"Internal":true,"Count Failed
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{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task ID":28,"Index":28,"Attempt":0,"Launch Time":1561371258412,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":26,"Index":26,"Attempt":0,"Launch Time":1561371256308,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371258413,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1519816,"Value":37244737,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":3286281654,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":18,"Value":2192,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":20885,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":2015495723,"Value":73059254623,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":2071,"Value":84630,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":3282502,"Value":2259052782,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":3,"Value":5777,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":3,"Executor Deserialize CPU Time":3282502,"Executor Run Time":2071,"Executor CPU Time":2015495723,"Result Size":795,"JVM GC Time":18,"Result Serialization Time":0,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":134283264,"Records Read":1519816},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task ID":29,"Index":29,"Attempt":0,"Launch Time":1561371259281,"Executor ID":"1","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":25,"Index":25,"Attempt":0,"Launch Time":1561371255925,"Executor ID":"1","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371259282,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1520515,"Value":38765252,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":3420564918,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":29,"Value":2221,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":21680,"Internal":tr

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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task
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201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish
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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":28,"Index":28,"Attempt":0,"Launch Time":1561371258412,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371261144,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1519769,"Value":41805921,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":3689131446,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":31,"Value":2291,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":23270,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":2603145814,"Value":81903006863,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":2693,"Value":93744,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":2617624,"Value":2266705594,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":4,"Value":5786,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":4,"Executor Deserialize CPU Time":2617624,"Executor Run Time":2693,"Executor CPU Time":2603145814,"Result Size":795,"JVM GC Time":31,"Result Serialization Time":0,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":134283264,"Records Read":1519769},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":31,"Index":31,"Attempt":0,"Launch Time":1561371261138,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371261524,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":155972,"Value":41961893,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":13877504,"Value":3703008950,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":5,"Value":2296,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":24065,"Internal":tr

ue,"Count Failed
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Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

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201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish
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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task
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201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish
Time":1561371261579,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metri
cs.input.recordsRead","Update":1525606,"Value":43487499,"Internal":true,"Count Failed
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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":30,"Index":30,"Attempt":0,"Launch Time":1561371259819,"Executor ID":"2","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371262593,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1522227,"Value":45009726,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":3971575478,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":40,"Value":2366,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":25655,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":2658295951,"Value":87084472971,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":2735,"Value":99098,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":1884674,"Value":2274316444,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":1,"Value":5800,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":1,"Executor Deserialize CPU Time":1884674,"Executor Run Time":2735,"Executor CPU Time":2658295951,"Result Size":795,"JVM GC Time":40,"Result Serialization Time":0,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":134283264,"Records Read":1522227},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task ID":35,"Index":35,"Attempt":0,"Launch Time":1561371264666,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":32,"Index":32,"Attempt":0,"Launch Time":1561371261514,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371264667,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1521660,"Value":46531386,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":4105858742,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":31,"Value":2397,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":26450,"Internal":tr

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Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write
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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task
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Time":1561371262585,"Executor ID":"2","Host":"ip-10-0-0-
201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish
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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":33,"Index":33,"Attempt":0,"Launch Time":1561371261575,"Executor ID":"1","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371264882,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1518046,"Value":49569733,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":4374425270,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":24,"Value":2450,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":28040,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":3172548835,"Value":95348019985,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":3292,"Value":107669,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":2203204,"Value":2280599997,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":2,"Value":5806,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":2,"Executor Deserialize CPU Time":2203204,"Executor Run Time":3292,"Executor CPU Time":3172548835,"Result Size":795,"JVM GC Time":24,"Result Serialization Time":0,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":134283264,"Records Read":1518046},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

{"Event":"SparkListenerTaskStart","Stage ID":0,"Stage Attempt ID":0,"Task Info":{"Task ID":38,"Index":38,"Attempt":0,"Launch Time":1561371267399,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":35,"Index":35,"Attempt":0,"Launch Time":1561371264666,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371267401,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1519543,"Value":51089276,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":4508708534,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":32,"Value":2482,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":28835,"Internal":tr

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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task
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201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish
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{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task
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Time":1561371267399,"Executor ID":"3","Host":"ip-10-0-0-
201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish

Time":1561371267908,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":373599,"Value":52987198,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":32783040,"Value":4675774838,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":4,"Value":2511,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":30425,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":461163353,"Value":100971851555,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":489,"Value":113574,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":2669118,"Value":2287731263,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":2,"Value":5813,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":2,"Executor Deserialize CPU Time":2669118,"Executor Run Time":489,"Executor CPU Time":461163353,"Result Size":795,"JVM GC Time":4,"Result Serialization Time":0,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes Read":32783040,"Records Read":373599},"Output Metrics":{"Bytes Written":0,"Records Written":0},"Updated Blocks":[]}}

{"Event":"SparkListenerTaskEnd","Stage ID":0,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":37,"Index":37,"Attempt":0,"Launch Time":1561371264881,"Executor ID":"1","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371267981,"Failed":false,"Killed":false,"Accumulables":[{"ID":22,"Name":"internal.metrics.input.recordsRead","Update":1530806,"Value":54518004,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Update":134283264,"Value":4810058102,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Update":39,"Value":2550,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Update":795,"Value":31220,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Update":2950668149,"Value":103922519704,"Internal":true,"Count Failed Values":true},{"ID":2,"Name":"internal.metrics.executorRunTime","Update":3069,"Value":116643,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Update":2331193,"Value":2290062456,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Update":2,"Value":5815,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":2,"Executor Deserialize CPU Time":2331193,"Executor Run Time":3069,"Executor CPU Time":2950668149,"Result Size":795,"JVM GC Time":39,"Result Serialization Time":0,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes

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{"Event":"SparkListenerStageCompleted","Stage Info":{"Stage ID":0,"Stage Attempt ID":0,"Stage Name":"foreach at SparkRDD1.java:43","Number of Tasks":39,"RDD Info":[{"RDD ID":2,"Name":"MapPartitionsRDD","Scope":"{\"id\":\"1\",\"name\":\"filter\"}","Callsite":"filter at SparkRDD1.java:28","Parent IDs":[1],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":1,"Name":"/user/ec2-user/spark_assignment/input2/yellow_tripdata_*","Scope":"{\"id\":\"0\",\"name\":\"textFile\"}","Callsite":"textFile at SparkRDD1.java:25","Parent IDs":[0],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":0,"Name":"/user/ec2-user/spark_assignment/input2/yellow_tripdata_*","Scope":"{\"id\":\"0\",\"name\":\"textFile\"}","Callsite":"textFile at SparkRDD1.java:25","Parent IDs":[],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0}],"Parent IDs":[],"Details":"org.apache.spark.api.java.AbstractJavaRDDLike.foreach(JavaRDDLike.scala:45)\nsparkAssignmentRDDfetch.SparkRDD1.main(SparkRDD1.java:43)\nsun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)\nsun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)\nsun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)\njava.lang.reflect.Method.invoke(Method.java:498)\norg.apache.spark.deploy.JavaMainApplication.start(SparkApplication.scala:52)\norg.apache.spark.deploy.SparkSubmit$.org$apache$spark$deploy$SparkSubmit$$runMain(SparkSubmit.scala:892)\norg.apache.spark.deploy.SparkSubmit$.doRunMain$1(SparkSubmit.scala:197)\norg.apache.spark.deploy.SparkSubmit$.submit(SparkSubmit.scala:227)\norg.apache.spark.deploy.SparkSubmit$.main(SparkSubmit.scala:136)\norg.apache.spark.deploy.SparkSubmit.main(SparkSubmit.scala)","Submission Time":1561371218804,"Completion Time":1561371267985,"Accumulables":[{"ID":2,"Name":"internal.metrics.executorRunTime","Value":116643,"Internal":true,"Count Failed Values":true},{"ID":5,"Name":"internal.metrics.jvmGCTime","Value":2550,"Internal":true,"Count Failed Values":true},{"ID":22,"Name":"internal.metrics.input.recordsRead","Value":54518004,"Internal":true,"Count Failed Values":true},{"ID":4,"Name":"internal.metrics.resultSize","Value":31220,"Internal":true,"Count Failed Values":true},{"ID":1,"Name":"internal.metrics.executorDeserializeCpuTime","Value":2290062456,"Internal":true,"Count Failed Values":true},{"ID":21,"Name":"internal.metrics.input.bytesRead","Value":4810058102,"Internal":true,"Count Failed Values":true},{"ID":3,"Name":"internal.metrics.executorCpuTime","Value":103922519704,"Internal":true,"Count Failed Values":true},{"ID":6,"Name":"internal.metrics.resultSerializationTime","Value":6,"Internal":true,"Count Failed Values":true},{"ID":0,"Name":"internal.metrics.executorDeserializeTime","Value":5815,"Internal":true,"Count Failed Values":true}]}}

{"Event":"SparkListenerJobEnd","Job ID":0,"Completion Time":1561371267989,"Job Result":{"Result":"JobSucceeded"}}

{"Event":"SparkListenerJobStart","Job ID":1,"Submission Time":1561371268109,"Stage Infos":[{"Stage ID":1,"Stage Attempt ID":0,"Stage Name":"runJob at SparkHadoopWriter.scala:78","Number of Tasks":1,"RDD Info":[{"RDD ID":4,"Name":"MapPartitionsRDD","Scope":"{\"id\":\"7\",\"name\":\"saveAsTextFile\"}","Callsite":"saveAsTextFile at SparkRDD1.java:49","Parent IDs":[3],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":1,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":2,"Name":"MapPartitionsRDD","Scope":"{\"id\":\"1\",\"name\":\"filter\"}","Callsite":"filter at SparkRDD1.java:28","Parent IDs":[1],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":1,"Name":"/user/ec2-user/spark_assignment/input2/yellow_tripdata_*","Scope":"{\"id\":\"0\",\"name\":\"textFile\"}","Callsite":"textFile at SparkRDD1.java:25","Parent IDs":[0],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":3,"Name":"CoalescedRDD","Scope":"{\"id\":\"6\",\"name\":\"coalesce\"}","Callsite":"coalesce at SparkRDD1.java:46","Parent IDs":[2],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":1,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":0,"Name":"/user/ec2-user/spark_assignment/input2/yellow_tripdata_*","Scope":"{\"id\":\"0\",\"name\":\"textFile\"}","Callsite":"textFile at SparkRDD1.java:25","Parent IDs":[],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0}],"Parent IDs":[],"Details":"org.apache.spark.SparkContext.runJob(SparkContext.scala:2080)\norg.apache.spark.internal.io.SparkHadoopWriter$.write(SparkHadoopWriter.scala:78)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopDataset$1.applymcVsp(PairRDDFunctions.scala:1096)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopDataset$1.apply(PairRDDFunctions.scala:1094)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopDataset$1.apply(PairRDDFunctions.scala:1094)\norg.apache.spark.rdd.RDDOperationScope$.withScope(RDDOperationScope.scala:151)\norg.apache.spark.rdd.RDDOperationScope$.withScope(RDDOperationScope.scala:112)\norg.apache.spark.rdd.RDD.withScope(RDD.scala:363)\norg.apache.spark.rdd.PairRDDFunctions.saveAsHadoopDataset(PairRDDFunctions.scala:1094)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$4.applymcVsp(PairRDDFunctions.scala:1067)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$4.apply(PairRDDFunctions.scala:1032)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$4.apply(PairRDDFunctions.scala:1032)\norg.apache.spark.rdd.RDDOperationScope$.withScope(RDDOperationScope.scala:151)\norg.apache.spark.rdd.RDDOperationScope$.withScope(RDDOperationScope.scala:112)\norg.apache.spark.rdd.RDD.withScope(RDD.scala:363)\norg.apache.spark.rdd.PairRDDFunctions.saveAsHadoopFile(PairRDDFunctions.scala:1032)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$1.applymcVsp(PairRDDFunctions.scala:958)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$1.apply(PairRDDFunctions.scala:958)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$1.apply(PairRDDFunctions.scala:958)\norg.apache.spark.rdd.RDDOperationScope$.withScope(RDDOperationScope.scala:151)","Accumulables":[]}],"Stage IDs":[1],"Properties":{"spark.rdd.scope.noOverride":"true","spark.rdd.scope":"{\"id\":\"7\",\"name\":\"saveAsTextFile\"}"}}

{"Event":"SparkListenerStageSubmitted","Stage Info":{"Stage ID":1,"Stage Attempt ID":0,"Stage Name":"runJob at SparkHadoopWriter.scala:78","Number of Tasks":1,"RDD Info":[{"RDD ID":4,"Name":"MapPartitionsRDD","Scope":"{\"id\":\"7\",\"name\":\"saveAsTextFile\"}","Callsite":"saveAsTextFile at SparkRDD1.java:49","Parent IDs":[3],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":1,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":2,"Name":"MapPartitionsRDD","Scope":"{\"id\":\"1\",\"name\":\"filter\"}","Callsite":"filter at SparkRDD1.java:28","Parent IDs":[1],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":1,"Name":"/user/ec2-user/spark_assignment/input2/yellow_tripdata_*","Scope":"{\"id\":\"0\",\"name\":\"textFile\"}","Callsite":"textFile at SparkRDD1.java:25","Parent IDs":[0],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":3,"Name":"CoalescedRDD","Scope":"{\"id\":\"6\",\"name\":\"coalesce\"}","Callsite":"coalesce at SparkRDD1.java:46","Parent IDs":[2],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":1,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":0,"Name":"/user/ec2-user/spark_assignment/input2/yellow_tripdata_*","Scope":"{\"id\":\"0\",\"name\":\"textFile\"}","Callsite":"textFile at SparkRDD1.java:25","Parent IDs":[],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0}],"Parent IDs":[],"Details":"org.apache.spark.SparkContext.runJob(SparkContext.scala:2080)\norg.apache.spark.internal.io.SparkHadoopWriter$.write(SparkHadoopWriter.scala:78)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopDataset$1.applymcVsp(PairRDDFunctions.scala:1096)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopDataset$1.apply(PairRDDFunctions.scala:1094)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopDataset$1.apply(PairRDDFunctions.scala:1094)\norg.apache.spark.rdd.RDDOperationScope$.withScope(RDDOperationScope.scala:151)\norg.apache.spark.rdd.RDDOperationScope$.withScope(RDDOperationScope.scala:112)\norg.apache.spark.rdd.RDD.withScope(RDD.scala:363)\norg.apache.spark.rdd.PairRDDFunctions.saveAsHadoopDataset(PairRDDFunctions.scala:1094)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$4.applymcVsp(PairRDDFunctions.scala:1067)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$4.apply(PairRDDFunctions.scala:1032)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$4.apply(PairRDDFunctions.scala:1032)\norg.apache.spark.rdd.RDDOperationScope$.withScope(RDDOperationScope.scala:151)\norg.apache.spark.rdd.RDDOperationScope$.withScope(RDDOperationScope.scala:112)\norg.apache.spark.rdd.RDD.withScope(RDD.scala:363)\norg.apache.spark.rdd.PairRDDFunctions.saveAsHadoopFile(PairRDDFunctions.scala:1032)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$1.applymcVsp(PairRDDFunctions.scala:958)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$1.apply(PairRDDFunctions.scala:958)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$1.apply(PairRDDFunctions.scala:958)\norg.apache.spark.rdd.RDDOperationScope$.withScope(RDDOperationScope.scala:151)","Submission Time":1561371268110,"Accumulables":[]},"Properties":{"spark.rdd.scope.noOverride":"true","spark.rdd.scope":"{\"id\":\"7\",\"name\":\"saveAsTextFile\"}"}}

{"Event":"SparkListenerTaskStart","Stage ID":1,"Stage Attempt ID":0,"Task Info":{"Task ID":39,"Index":0,"Attempt":0,"Launch Time":1561371268151,"Executor ID":"3","Host":"ip-10-0-0-

201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":0,"Failed":false,"Killed":false,"Accumulables":[]}}

{"Event":"SparkListenerBlockManagerRemoved","Block Manager ID":{"Executor ID":"1","Host":"ip-10-0-0-201.ec2.internal","Port":45375},"Timestamp":1561371328666}

{"Event":"SparkListenerExecutorRemoved","Timestamp":1561371328694,"Executor ID":"1","Removed Reason":"Container container_1561356695367_0010_01_000002 exited from explicit termination request."}

{"Event":"SparkListenerBlockManagerRemoved","Block Manager ID":{"Executor ID":"2","Host":"ip-10-0-0-201.ec2.internal","Port":46633},"Timestamp":1561371328737}

{"Event":"SparkListenerExecutorRemoved","Timestamp":1561371328743,"Executor ID":"2","Removed Reason":"Container container_1561356695367_0010_01_000003 exited from explicit termination request."}

{"Event":"SparkListenerTaskEnd","Stage ID":1,"Stage Attempt ID":0,"Task Type":"ResultTask","Task End Reason":{"Reason":"Success"},"Task Info":{"Task ID":39,"Index":0,"Attempt":0,"Launch Time":1561371268151,"Executor ID":"3","Host":"ip-10-0-0-201.ec2.internal","Locality":"NODE_LOCAL","Speculative":false,"Getting Result Time":0,"Finish Time":1561371332265,"Failed":false,"Killed":false,"Accumulables":[{"ID":49,"Name":"internal.metrics.output.recordsWritten","Update":1,"Value":1,"Internal":true,"Count Failed Values":true},{"ID":48,"Name":"internal.metrics.output.bytesWritten","Update":90,"Value":90,"Internal":true,"Count Failed Values":true},{"ID":47,"Name":"internal.metrics.input.recordsRead","Update":54518004,"Value":54518004,"Internal":true,"Count Failed Values":true},{"ID":46,"Name":"internal.metrics.input.bytesRead","Update":4810058102,"Value":4810058102,"Internal":true,"Count Failed Values":true},{"ID":31,"Name":"internal.metrics.resultSerializationTime","Update":1,"Value":1,"Internal":true,"Count Failed Values":true},{"ID":30,"Name":"internal.metrics.jvmGCTime","Update":502,"Value":502,"Internal":true,"Count Failed Values":true},{"ID":29,"Name":"internal.metrics.resultSize","Update":1041,"Value":1041,"Internal":true,"Count Failed Values":true},{"ID":28,"Name":"internal.metrics.executorCpuTime","Update":63193923716,"Value":63193923716,"Internal":true,"Count Failed Values":true},{"ID":27,"Name":"internal.metrics.executorRunTime","Update":63988,"Value":63988,"Internal":true,"Count Failed Values":true},{"ID":26,"Name":"internal.metrics.executorDeserializeCpuTime","Update":56548791,"Value":56548791,"Internal":true,"Count Failed Values":true},{"ID":25,"Name":"internal.metrics.executorDeserializeTime","Update":94,"Value":94,"Internal":true,"Count Failed Values":true}]},"Task Metrics":{"Executor Deserialize Time":94,"Executor Deserialize CPU Time":56548791,"Executor Run Time":63988,"Executor CPU Time":63193923716,"Result Size":1041,"JVM GC Time":502,"Result Serialization Time":1,"Memory Bytes Spilled":0,"Disk Bytes Spilled":0,"Shuffle Read Metrics":{"Remote Blocks Fetched":0,"Local Blocks Fetched":0,"Fetch Wait Time":0,"Remote Bytes Read":0,"Remote Bytes Read To Disk":0,"Local Bytes Read":0,"Total Records Read":0},"Shuffle Write Metrics":{"Shuffle Bytes Written":0,"Shuffle Write Time":0,"Shuffle Records Written":0},"Input Metrics":{"Bytes

Read":4810058102,"Records Read":54518004},"Output Metrics":{"Bytes Written":90,"Records Written":1},"Updated Blocks":[]}}

{"Event":"SparkListenerStageCompleted","Stage Info":{"Stage ID":1,"Stage Attempt ID":0,"Stage Name":"runJob at SparkHadoopWriter.scala:78","Number of Tasks":1,"RDD Info":[{"RDD ID":4,"Name":"MapPartitionsRDD","Scope":"{\"id\":\"7\",\"name\":\"saveAsTextFile\"}","Callsite":"saveAsTextFile at SparkRDD1.java:49","Parent IDs":[3],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":1,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":2,"Name":"MapPartitionsRDD","Scope":"{\"id\":\"1\",\"name\":\"filter\"}","Callsite":"filter at SparkRDD1.java:28","Parent IDs":[1],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":1,"Name":"/user/ec2-user/spark_assignment/input2/yellow_tripdata_*","Scope":"{\"id\":\"0\",\"name\":\"textFile\"}","Callsite":"textFile at SparkRDD1.java:25","Parent IDs":[0],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":3,"Name":"CoalescedRDD","Scope":"{\"id\":\"6\",\"name\":\"coalesce\"}","Callsite":"coalesce at SparkRDD1.java:46","Parent IDs":[2],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":1,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0},{"RDD ID":0,"Name":"/user/ec2-user/spark_assignment/input2/yellow_tripdata_*","Scope":"{\"id\":\"0\",\"name\":\"textFile\"}","Callsite":"textFile at SparkRDD1.java:25","Parent IDs":[],"Storage Level":{"Use Disk":false,"Use Memory":false,"Deserialized":false,"Replication":1},"Number of Partitions":39,"Number of Cached Partitions":0,"Memory Size":0,"Disk Size":0}],"Parent IDs":[],"Details":"org.apache.spark.SparkContext.runJob(SparkContext.scala:2080)\norg.apache.spark.internal.io.SparkHadoopWriter$.write(SparkHadoopWriter.scala:78)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopDataset$1.applymcVsp(PairRDDFunctions.scala:1096)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopDataset$1.apply(PairRDDFunctions.scala:1094)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopDataset$1.apply(PairRDDFunctions.scala:1094)\norg.apache.spark.rdd.RDDOperationScope$.withScope(RDDOperationScope.scala:151)\norg.apache.spark.rdd.RDDOperationScope$.withScope(RDDOperationScope.scala:112)\norg.apache.spark.rdd.RDD.withScope(RDD.scala:363)\norg.apache.spark.rdd.PairRDDFunctions.saveAsHadoopDataset(PairRDDFunctions.scala:1094)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$4.applymcVsp(PairRDDFunctions.scala:1067)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$4.apply(PairRDDFunctions.scala:1032)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$4.apply(PairRDDFunctions.scala:1032)\norg.apache.spark.rdd.RDDOperationScope$.withScope(RDDOperationScope.scala:151)\norg.apache.spark.rdd.RDDOperationScope$.withScope(RDDOperationScope.scala:112)\norg.apache.spark.rdd.RDD.withScope(RDD.scala:363)\norg.apache.spark.rdd.PairRDDFunctions.saveAsHadoopFile(PairRDDFunctions.scala:1032)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$1.applymcVsp(PairRDDFunctions.scala:958)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$1.apply(PairRDDFunctions.scala:958)\norg.apache.spark.rdd.PairRDDFunctions$$anonfun$saveAsHadoopFile$1.apply(PairRDDFunctions.scala:958)\norg.apache.spark.rdd.RDDOperationScope$.withScope(RDDOperationScope.scala:151)","Submission Time":1561371268110,"Completion Time":1561371332266,"Accumulables":[{"ID":26,"Name":"internal.metrics.executorDeserializeCpuTime","Value":56548791,"Internal":true,"Count Failed Values":true},{"ID":47,"Name":"internal.metrics.input.recordsRead","Value":54518004,"Internal":tru

e,"Count Failed Values":true},{"ID":29,"Name":"internal.metrics.resultSize","Value":1041,"Internal":true,"Count Failed Values":true},{"ID":46,"Name":"internal.metrics.input.bytesRead","Value":4810058102,"Internal":true,"Count Failed Values":true},{"ID":49,"Name":"internal.metrics.output.recordsWritten","Value":1,"Internal":true,"Count Failed Values":true},{"ID":31,"Name":"internal.metrics.resultSerializationTime","Value":1,"Internal":true,"Count Failed Values":true},{"ID":25,"Name":"internal.metrics.executorDeserializeTime","Value":94,"Internal":true,"Count Failed Values":true},{"ID":28,"Name":"internal.metrics.executorCpuTime","Value":63193923716,"Internal":true,"Count Failed Values":true},{"ID":27,"Name":"internal.metrics.executorRunTime","Value":63988,"Internal":true,"Count Failed Values":true},{"ID":48,"Name":"internal.metrics.output.bytesWritten","Value":90,"Internal":true,"Count Failed Values":true},{"ID":30,"Name":"internal.metrics.jvmGCTime","Value":502,"Internal":true,"Count Failed Values":true}]}}

{"Event":"SparkListenerJobEnd","Job ID":1,"Completion Time":1561371332266,"Job Result":{"Result":"JobSucceeded"}}

{"Event":"SparkListenerApplicationEnd","Timestamp":1561371332294}