Hadoop Map/Reduce / MAPREDUCE-6363

[NNBench] Lease mismatch error when running with multiple mappers

Details

Type:	🔲 Bug	Status:	**CLOSED**
Priority:	🔺 Critical	Resolution:	Fixed
Affects Version/s:	None	Fix Version/s:	2.8.0, 2.7.3, 2.6.4, 3.0.0-alpha1
Component/s:	benchmarks		
Labels:	None		
Target Version/s:	2.8.0, 2.6.4		
Hadoop Flags:	Reviewed		

Description

Command :

./yarn jar ../share/hadoop/mapreduce/hadoop-mapreduce-client-jobclient-2.0.1-tests.jar nnbench -operation create_write -numberOfFiles 1000 -blockSize 268435456 -bytesToWrite 1024000000 -baseDir /benchmarks/NNBench`hostname -s` -replicationFactorPerFile 3 -maps 100 -reduces 10

Trace :

013-06-21 10:44:53,763 INFO org.apache.hadoop.ipc.Server: IPC Server handler 7 on 9005, call
org.apache.hadoop.hdfs.protocol.ClientProtocol.addBlock from 192.168.105.214:36320: error:
org.apache.hadoop.hdfs.server.namenode.LeaseExpiredException: Lease mismatch on /benchmarks/NNBenchlinux-185/data/file_linux-214__0 owned by DFSClient_attempt_1371782327901_0001_m_000048_0_1383437860_1 but is accessed by
DFSClient_attempt_1371782327901_0001_m_000084_0_1880545303_1
org.apache.hadoop.hdfs.server.namenode.LeaseExpiredException: Lease mismatch on /benchmarks/NNBenchlinux-185/data/file_linux-214__0 owned by DFSClient_attempt_1371782327901_0001_m_000048_0_1383437860_1 but is accessed by
DFSClient_attempt_1371782327901_0001_m_000084_0_1880545303_1
at org.apache.hadoop.hdfs.server.namenode.FSNamesystem.checkLease(FSNamesystem.java:2351)
at org.apache.hadoop.hdfs.server.namenode.FSNamesystem.analyzeFileState(FSNamesystem.java:2098)
at org.apache.hadoop.hdfs.server.namenode.FSNamesystem.getAdditionalBlock(FSNamesystem.java:2019)
at org.apache.hadoop.hdfs.server.namenode.NameNodeRpcServer.addBlock(NameNodeRpcServer.java:501)
at
org.apache.hadoop.hdfs.protocolPB.ClientNamenodeProtocolServerSideTranslatorPB.addBlock(ClientNamenodeProtocolServerSideTransla
at
org.apache.hadoop.hdfs.protocol.proto.ClientNamenodeProtocolProtos$ClientNamenodeProtocol$2.callBlockingMethod(ClientNamenodeP
at org.apache.hadoop.ipc.ProtobufRpcEngine$Server$ProtoBufRpcInvoker.call(ProtobufRpcEngine.java:435)
at org.apache.hadoop.ipc.RPC$Server.call(RPC.java:925)
at org.apache.hadoop.ipc.Server$Handler$1.run(Server.java:1710)
at org.apache.hadoop.ipc.Server$Handler$1.run(Server.java:1706)
at java.security.AccessController.doPrivileged(Native Method)
at javax.security.auth.Subject.doAs(Subject.java:396)
at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1232)

Attachments

📄 HDFS4929.patch	2 kB	21/Jan/15 15:45
📄 MAPREDUCE-6363-001.patch	2 kB	13/Jun/15 14:03
📄 MAPREDUCE-6363-002.patch	3 kB	13/Jun/15 14:54
📄 MAPREDUCE-6363-003.patch	8 kB	06/Jul/15 04:26
📄 MAPREDUCE-6363-004.patch	8 kB	02/Sep/15 07:06
📄 MAPREDUCE-6363-005.patch	8 kB	02/Sep/15 07:30

📄 MAPREDUCE-6363-006.patch	9 kB	07/Jan/16 15:46
📄 MAPREDUCE-6363-007.patch	10 kB	07/Jan/16 16:03
📄 MAPREDUCE-6363-008.patch	10 kB	08/Jan/16 15:09
📄 nnbench.log	18 kB	02/Sep/15 02:22

⌄ Issue Links

breaks

🟥 MAPREDUCE-6656 [NNBench] OP_DELETE operation isn't working after MAPREDUCE-6363   ⛔ **CLOSED**

contains

🟥 MAPREDUCE-6465 NNBench result wrong when number of reducers greater than 1   ≫ **RESOLVED**

duplicates

🟥 HADOOP-15020 NNBench not support run more than one map task on the same host   ≫ **RESOLVED**

⌄ Activity

⬆

⊙ Brahma Reddy Battula created issue - 24/Jun/13 13:15

⊙ Brahma Reddy Battula made changes - 24/Mar/14 12:14

Field	Original Value	New Value
Assignee		Brahma Reddy Battula [brahmareddy]

⊙ Brahma Reddy Battula made changes - 31/Jul/14 13:12

Priority	Major [3]	Critical [2]

⊙ caixiaofeng made changes - 14/Jan/15 07:35

Assignee	Brahma Reddy Battula [brahmareddy]	caixiaofeng [beeflyme]

⊙ Brahma Reddy Battula made changes - 21/Jan/15 07:58

Assignee	caixiaofeng [beeflyme]	Brahma Reddy Battula [brahmareddy]

⊙ Brahma Reddy Battula made changes - 21/Jan/15 15:45

Attachment		HDFS4929.patch [12693611]

⊙ Brahma Reddy Battula made changes - 21/Jan/15 15:46

Status	Open [1]	Patch Available [10002]

⊙ Allen Wittenauer made changes - 06/May/15 03:27

Labels		BB2015-05-TBR

⊙ Brahma Reddy Battula made changes - 12/May/15 02:21

Component/s	benchmarks [12313471]	
Component/s		benchmarks [12312985]
Key	~~HDFS-4929~~	~~MAPREDUCE-6363~~
Project	Hadoop HDFS [12310942]	Hadoop Map/Reduce [12310941]

⊙ Brahma Reddy Battula made changes - 13/Jun/15 14:03

Attachment		MAPREDUCE-6363-001.patch [12739420]

⊙ Brahma Reddy Battula made changes - 13/Jun/15 14:54

Attachment		MAPREDUCE-6363-002.patch [12739423]

Akira Ajisaka made changes - 15/Jun/15 21:52

Summary	[NNBench mark] Lease mismatch error when running with multiple mappers	[NNBench] Lease mismatch error when running with multiple mappers

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Akira Ajisaka made changes - 15/Jun/15 21:56

Fix Version/s		2.8.0 [12329060]
Hadoop Flags		Reviewed [10343]
Resolution		Fixed [1]
Status	Patch Available [10002]	Resolved [5]

Brahma Reddy Battula made changes - 16/Jun/15 02:37

Labels	BB2015-05-TBR	

Vlad Sharanhovich made changes - 06/Jul/15 04:22

Assignee	Brahma Reddy Battula [brahmareddy]	Vlad Sharanhovich [uladz]
Resolution	Fixed [1]	
Status	Resolved [5]	Reopened [4]

Vlad Sharanhovich made changes - 06/Jul/15 04:26

Attachment		MAPREDUCE-6363-003.patch [12743663]

Akira Ajisaka made changes - 02/Sep/15 02:22

Attachment		nnbench.log [12753654]

Akira Ajisaka made changes - 02/Sep/15 03:30

Fix Version/s	2.8.0 [12329060]	
Hadoop Flags	Reviewed [10343]	

Brahma Reddy Battula made changes - 02/Sep/15 07:06

Attachment		MAPREDUCE-6363-004.patch [12753701]

Vlad Sharanhovich made changes - 02/Sep/15 07:30

Attachment		MAPREDUCE-6363-005.patch [12753708]

Akira Ajisaka made changes - 02/Sep/15 07:53

Target Version/s		2.8.0 [12329060]
Status	Reopened [4]	Patch Available [10002]

Bibin Chundatt made changes - 08/Sep/15 04:18

Link		This issue relates to MAPREDUCE-6465 [MAPREDUCE-6465]

Bibin Chundatt made changes - 07/Jan/16 15:46

Attachment		MAPREDUCE-6363-006.patch [12780986]

Bibin Chundatt made changes - 07/Jan/16 16:03

Attachment		MAPREDUCE-6363-007.patch [12780989]

Bibin Chundatt made changes - 08/Jan/16 15:09

Attachment		MAPREDUCE-6363-008.patch [12781222]

⊘ **Akira Ajisaka** made changes - 14/Jan/16 01:17

Assignee	Vlad Sharanhovich [uladz]	Bibin A Chundatt [bibinchundatt]

⊘ **Akira Ajisaka** made changes - 14/Jan/16 04:16

Fix Version/s		2.8.0 [12329060]
Fix Version/s		2.7.3 [12334007]
Fix Version/s		2.6.4 [12334242]
Hadoop Flags		Reviewed [10343]
Resolution		Fixed [1]
Status	Patch Available [10002]	Resolved [5]

⊘ **Akira Ajisaka** made changes - 14/Jan/16 04:24

Link		This issue contains MAPREDUCE-6465 [MAPREDUCE-6465]

⊘ **Akira Ajisaka** made changes - 14/Jan/16 04:24

Link	This issue relates to MAPREDUCE-6465 [MAPREDUCE-6465]	

⊘ **Junping Du** made changes - 02/Feb/16 03:18

Target Version/s	2.8.0 [12329060]	2.8.0, 2.6.4 [12329060, 12334242]

⊘ **Akira Ajisaka** made changes - 22/Mar/16 16:38

Resolution	Fixed [1]	
Status	Resolved [5]	Reopened [4]

⊘ **Akira Ajisaka** made changes - 22/Mar/16 16:46

Target Version/s	2.8.0, 2.6.4 [12329060, 12334242]	2.6.4, 2.8.0 [12334242, 12329060]
Resolution		Fixed [1]
Status	Reopened [4]	Resolved [5]

⊘ **Akira Ajisaka** made changes - 22/Mar/16 16:50

Link		This issue breaks MAPREDUCE-6656 [MAPREDUCE-6656]

⊘ **Vinod Kumar Vavilapalli** made changes - 25/Aug/16 22:55

Status	Resolved [5]	Closed [6]

⊘ **Andrew Wang** made changes - 30/Aug/16 01:17

Fix Version/s		3.0.0-alpha1 [12335734]

⊘ **Brahma Reddy Battula** made changes - 08/Nov/17 04:40

Link		This issue duplicates HADOOP-15020 [HADOOP-15020]

∨ **People**

Assignee:

⊙ Bibin Chundatt

Reporter:

⊙ Brahma Reddy Battula

Votes:

2 Vote for this issue

Watchers:

16 Start watching this issue

⌄ Dates

Created:

24/Jun/13 13:15

Updated:

08/Nov/17 04:40

Resolved:

22/Mar/16 16:46