



Hadoop HDFS / HDFS-13692

StorageInfoDefragmenter floods log when compacting StorageInfo TreeSet

Details

Type:	Improvement	Status:	RESOLVED
Priority:	Minor	Resolution:	Fixed
Affects Version/s:	3.1.0	Fix Version/s:	3.2.0, 3.1.1, 3.0.4
Component/s:	None		
Labels:	None		
Target Version/s:	3.2.0, 3.1.1		
Hadoop Flags:	Reviewed		

Description

StorageInfoDefragmenter floods log when compacting StorageInfo TreeSet. In StorageInfoDefragmenter#scanAndCompactStorages, it prints for all the StorageInfo under each DN. If there are 1k nodes in cluster, and each node has 10 data dir configured, it will print 10k lines every compact interval time (10 mins). The log looks large, we could switch log level from INFO to DEBUG in StorageInfoDefragmenter#scanAndCompactStorages.

```
2018-06-19 10:18:48,849 INFO [StorageInfoMonitor] org.apache.hadoop.hdfs.server.blockmanagement.BlockManager: StorageInfo TreeSet
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```

Attachments

HDFS-13692.00.patch	1 kB	21/Jun/18 18:50
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Issue Links

duplicates		
HDFS-14628	Improve information on scanAndCompactStorages in BlockManager and lower log level	RESOLVED

Activity

- Bharat Viswanadham added a comment - 21/Jun/18 18:51

Hi linyiqun

Thanks for reporting it. Yes, this can be changed to debug, as it unnecessarily fills up the log. Posted the patch for the same.
- genericqa added a comment - 21/Jun/18 21:47

-1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	0m 33s	Docker mode activated.
Prechecks			

+1	@author	0m 0s	The patch does not contain any @author tags.
-1	test4tests	0m 0s	The patch doesn't appear to include any new or modified tests. Please justify why no new tests are needed for this patch. Also please list what manual steps were performed to verify this patch.
			trunk Compile Tests
+1	mvninstall	26m 27s	trunk passed
+1	compile	0m 58s	trunk passed
+1	checkstyle	0m 14s	trunk passed
+1	mvnsite	1m 3s	trunk passed
+1	shadedclient	12m 16s	branch has no errors when building and testing our client artifacts.
+1	findbugs	1m 56s	trunk passed
+1	javadoc	0m 47s	trunk passed
			Patch Compile Tests
+1	mvninstall	1m 2s	the patch passed
+1	compile	0m 54s	the patch passed
+1	javac	0m 54s	the patch passed
+1	checkstyle	0m 9s	the patch passed
+1	mvnsite	0m 59s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	shadedclient	12m 5s	patch has no errors when building and testing our client artifacts.
+1	findbugs	2m 4s	the patch passed
+1	javadoc	0m 45s	the patch passed
			Other Tests
-1	unit	99m 24s	hadoop-hdfs in the patch failed.
+1	asflicense	0m 30s	The patch does not generate ASF License warnings.
		162m 26s	

Reason	Tests
Failed junit tests	hadoop.hdfs.server.blockmanagement.TestBlockTokenWithDFSStriped
	hadoop.hdfs.client.impl.TestBlockReaderLocal


Subsystem	Report/Notes
Docker	Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:abb62dd
JIRA Issue	HDFS-13692
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12928670/HDFS-13692.00.patch
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle
uname	Linux 02abbccc72e0 3.13.0-143-generic #192-Ubuntu SMP Tue Feb 27 10:45:36 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/patchprocess/precommit/personality/provided.sh
git revision	trunk / 59de967
maven	version: Apache Maven 3.3.9
Default Java	1.8.0_171
findbugs	v3.1.0-RC1

unit	https://builds.apache.org/job/PreCommit-HDFS-Build/24483/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt
Test Results	https://builds.apache.org/job/PreCommit-HDFS-Build/24483/testReport/
Max. process+thread count	2868 (vs. ulimit of 10000)
modules	C: hadoop-hdfs-project/hadoop-hdfs U: hadoop-hdfs-project/hadoop-hdfs
Console output	https://builds.apache.org/job/PreCommit-HDFS-Build/24483/console
Powered by	Apache Yetus 0.8.0-SNAPSHOT http://yetus.apache.org

This message was automatically generated.

▼  Yiqun Lin added a comment - 22/Jun/18 02:52

LGTM, +1. Committing this.

▼  Yiqun Lin added a comment - 22/Jun/18 02:57

Committed this to trunk, branch-3.0 and branch-3.1. Thanks [bharatviswa](#) for fixing this.

▼  Hudson added a comment - 22/Jun/18 03:14

SUCCESS: Integrated in Jenkins build Hadoop-trunk-Commit #14462 (See <https://builds.apache.org/job/Hadoop-trunk-Commit/14462/>)

[HDFS-13692](#). StorageInfoDefragmenter floods log when compacting (yqlin: rev 30728aced4a6b05394b3fc8c613f39fade9cf3c2)

- (edit) hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/blockmanagement/BlockManager.java

▼  Bharat Viswanadham added a comment - 22/Jun/18 08:12

Thank You [linyiqun](#) for committing changes.

▼  Hudson added a comment - 24/Jun/18 08:05

FAILURE: Integrated in Jenkins build Hadoop-precommit-ozone-acceptance #20 (See <https://builds.apache.org/job/Hadoop-precommit-ozone-acceptance/20/>)

[HDFS-13692](#). StorageInfoDefragmenter floods log when compacting (yqlin:

<https://github.com/apache/hadoop/commit/30728aced4a6b05394b3fc8c613f39fade9cf3c2>)

- (edit) hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/blockmanagement/BlockManager.java

▼ People

Assignee:



Bharat Viswanadham

Reporter:



Yiqun Lin

Votes:

0

Vote for this issue

Watchers:

4

Start watching this issue

▼ Dates

Created:

21/Jun/18 06:23

Updated:

03/Jul/19 04:41

Resolved:

22/Jun/18 02:57

