



metaSave should print blocks, not LightweightHashSet

Details

Type:	Bug	Status:	RESOLVED
Priority:	Major	Resolution:	Fixed
Affects Version/s:	2.6.1	Fix Version/s:	2.7.4
Component/s:	namenode		
Labels:	None		
Hadoop Flags:	Reviewed		

Description

metaSave command does not print actually block info for invalid blocks. This is because it is trying to print instances of `LightWeightHashSet<Block>`, which is not informative.
See `InvalidateBlocks.dump()` method.

Attachments

HDFS-10693.001.patch	2 kB	31/Jul/16 05:57
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Activity



[Yuanbo Liu](#) added a comment - 31/Jul/16 05:57

shv

Thanks for filing this. I've prepared v1 patch for this issue.
To my knowledge, metaSave is some kind of report tool, it will not cause compatible problem if I change the output form of metaSave, am I right?

[Hadoop QA](#) added a comment - 31/Jul/16 07:41

-1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	0m 15s	Docker mode activated.
+1	@author	0m 0s	The patch does not contain any @author tags.
+1	test4tests	0m 0s	The patch appears to include 1 new or modified test files.
+1	mvninstall	6m 50s	trunk passed
+1	compile	0m 45s	trunk passed
+1	checkstyle	0m 26s	trunk passed
+1	mvnsite	0m 49s	trunk passed
+1	mvneclipse	0m 13s	trunk passed
+1	findbugs	1m 43s	trunk passed
+1	javadoc	0m 54s	trunk passed
+1	mvninstall	0m 48s	the patch passed
+1	compile	0m 44s	the patch passed
+1	javac	0m 44s	the patch passed
+1	checkstyle	0m 23s	the patch passed

+1	mvnsite	0m 51s	the patch passed
+1	mvneclipse	0m 10s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	findbugs	1m 46s	the patch passed
+1	javadoc	0m 54s	the patch passed
-1	unit	74m 7s	hadoop-hdfs in the patch failed.
+1	asflicense	0m 18s	The patch does not generate ASF License warnings.
		93m 6s	

Reason	Tests
Failed junit tests	hadoop.hdfs.TestRollingUpgrade

Subsystem	Report/Notes
Docker	Image:yetus/hadoop:9560f25
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12821200/HDFS-10693.001.patch
JIRA Issue	HDFS-10693
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle
uname	Linux cc2bc3c5509f 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3 21:56:12 UTC 2014 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh
git revision	trunk / 3d191cc
Default Java	1.8.0_101
findbugs	v3.0.0
unit	https://builds.apache.org/job/PreCommit-HDFS-Build/16269/artifact/patchprocess/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt
Test Results	https://builds.apache.org/job/PreCommit-HDFS-Build/16269/testReport/
modules	C: hadoop-hdfs-project/hadoop-hdfs U: hadoop-hdfs-project/hadoop-hdfs
Console output	https://builds.apache.org/job/PreCommit-HDFS-Build/16269/console
Powered by	Apache Yetus 0.4.0-SNAPSHOT http://yetus.apache.org

This message was automatically generated.

- ▼

 Yuanbo Liu

added a comment - 01/Aug/16 02:27

the test failure is not related to my change.
- ▼

 Konstantin Shvachko

added a comment - 04/Aug/16 07:30

+1. This looks good.
- ▼

 Yuanbo Liu

added a comment - 06/Aug/16 01:58

shvThanks for your review. Is there anything else I should do before this patch is committed?
- ▼

 Brahma Reddy Battula

added a comment - 06/Aug/16 04:43

LGTM. +1
- ▼

 Konstantin Shvachko


added a comment - 07/Aug/16 22:15

I just committed this to trunk, branch-2, 2.8 and 2.7. Thank you Yuanbo Liu.

▼  Hudson added a comment - 07/Aug/16 22:25

SUCCESS: Integrated in Hadoop-trunk-Commit #10231 (See <https://builds.apache.org/job/Hadoop-trunk-Commit/10231/>)
[HDFS-10693](#). metaSave should print blocks, not LightweightHashSet. (shv: rev 4d3af47f2765f6f57936d316ef2a4150b787cc97)

- hadoop-hdfs-project/hadoop-hdfs/src/test/java/org/apache/hadoop/hdfs/server/namenode/TestMetaSave.java
- hadoop-hdfs-project/hadoop-hdfs/src/main/java/org/apache/hadoop/hdfs/server/blockmanagement/InvalidateBlocks.java

▼  Yuanbo Liu added a comment - 08/Aug/16 01:53

[shvbrahmareddy](#) Thanks for your time!

▼ People

Assignee:



Yuanbo Liu

Reporter:



Konstantin Shvachko

Votes:

0

Vote for this issue

Watchers:

5

Start watching this issue

▼ Dates

Created:

27/Jul/16 00:36

Updated:

08/Aug/16 01:53

Resolved:

07/Aug/16 22:15