



Hadoop HDFS / HDFS-14205

# Backport HDFS-6440 to branch-2

Details

Type:	Improvement	Status:	RESOLVED
Priority:	Major	Resolution:	Fixed
Affects Version/s:	None	Fix Version/s:	2.10.0
Component/s:	None		
Labels:	None		

Description

Currently support for more than 2 NameNodes ([HDFS-6440](#)) is only in branch-3. This JIRA aims to backport it to branch-2, as this is required by [HDFS-12943](#) (consistent read from standby) backport to branch-2.

Attachments

<a href="#">HDFS-14205-branch-2.001.patch</a>	199 kB	28/Jan/19 18:44
<a href="#">HDFS-14205-branch-2.002.patch</a>	197 kB	06/Feb/19 20:50
<a href="#">HDFS-14205-branch-2.003.patch</a>	197 kB	27/Feb/19 00:01
<a href="#">HDFS-14205-branch-2.004.patch</a>	197 kB	28/Feb/19 07:52
<a href="#">HDFS-14205-branch-2.005.patch</a>	197 kB	28/Feb/19 18:04
<a href="#">HDFS-14205-branch-2.006.patch</a>	200 kB	02/Mar/19 00:16
<a href="#">HDFS-14205-branch-2.007.patch</a>	200 kB	04/Mar/19 21:54
<a href="#">HDFS-14205-branch-2.008.patch</a>	200 kB	08/Mar/19 06:48
<a href="#">HDFS-14205-branch-2.009.patch</a>	534 kB	11/Mar/19 06:16


Issue Links

blocks		
<a href="#">HDFS-14204</a> Backport HDFS-12943 to branch-2		RESOLVED
is related to		
<a href="#">HDFS-6440</a> Support more than 2 NameNodes		RESOLVED
relates to		
<a href="#">HDFS-14399</a> Backport HDFS-10536 to branch-2		RESOLVED
<a href="#">HDFS-14397</a> Backport HADOOP-15684 to branch-2		RESOLVED
<a href="#">HDFS-12943</a> Consistent Reads from Standby Node		RESOLVED


Show 3 more links (3 relates to)

Activity


- [Chen Liang](#) added a comment - 28/Jan/19 18:39
- Thanks for chiming in [csun](#)! I also had a patch for this backport. It compiles but some tests were failing, I'm not sure if the fails are related because many of them failed even without the patch. I haven't got the bandwidth to look further into the fails though. Post my patch here, hope it helps.

▼  [Chao Sun](#) added a comment - 28/Jan/19 18:45


Cool. Thanks [vagarychen](#). I can take a look at these. Also we may need to backport some of the related JIRAs as well. Are those included in the patch?

▼  [Chen Liang](#) added a comment - 28/Jan/19 22:32


[csun](#) I haven't done any of those here. But based on my previous experiences of backporting to 2.7.4, most of them are rather straitforward.

▼  [Chao Sun](#) added a comment - 29/Jan/19 17:52

[vagarychen](#) seems the patch no longer applies to branch-2. Could you rebase? I'm thinking about testing this in a dev/docker cluster cluster.

▼  [Chen Liang](#) added a comment - 06/Feb/19 20:52

Sorry for being late on getting to this. Rebased with v002 patch. Testing on a dev/docker cluster sounds great to me, looking forward to hearing the updates, thanks [csun](#)!

▼  [Hadoop QA](#) added a comment - 06/Feb/19 22:19

 **-1 overall**


Vote	Subsystem	Runtime	Comment
0	reexec	12m 20s	<a href="#">Docker mode activated.</a>
<b>Prechecks</b>			
+1	@author	0m 0s	The patch does not contain any @author tags.
+1	test4tests	0m 0s	The patch appears to include 25 new or modified test files.
<b>branch-2 Compile Tests</b>			
0	mvndep	0m 9s	<a href="#">Maven dependency ordering for branch</a>
-1	mvninstall	0m 11s	<a href="#">root in branch-2 failed.</a>
-1	compile	0m 11s	<a href="#">root in branch-2 failed.</a>
-0	checkstyle	0m 9s	<a href="#">The patch fails to run checkstyle in root</a>
-1	mvnsite	0m 10s	<a href="#">hadoop-common in branch-2 failed.</a>
-1	mvnsite	0m 10s	<a href="#">hadoop-hdfs in branch-2 failed.</a>
-1	mvnsite	0m 10s	<a href="#">bkjournal in branch-2 failed.</a>
-1	findbugs	0m 9s	<a href="#">hadoop-common in branch-2 failed.</a>
-1	findbugs	0m 10s	<a href="#">hadoop-hdfs in branch-2 failed.</a>
-1	findbugs	0m 10s	<a href="#">bkjournal in branch-2 failed.</a>
-1	javadoc	0m 10s	<a href="#">hadoop-common in branch-2 failed.</a>
-1	javadoc	0m 10s	<a href="#">hadoop-hdfs in branch-2 failed.</a>
-1	javadoc	0m 10s	<a href="#">bkjournal in branch-2 failed.</a>
<b>Patch Compile Tests</b>			
0	mvndep	0m 9s	<a href="#">Maven dependency ordering for patch</a>
-1	mvninstall	0m 10s	<a href="#">hadoop-common in the patch failed.</a>
-1	mvninstall	0m 10s	<a href="#">hadoop-hdfs in the patch failed.</a>
-1	mvninstall	0m 9s	<a href="#">bkjournal in the patch failed.</a>
-1	compile	0m 11s	<a href="#">root in the patch failed.</a>
-1	javac	0m 11s	<a href="#">root in the patch failed.</a>
-0	checkstyle	0m 8s	<a href="#">The patch fails to run checkstyle in root</a>
-1	mvnsite	0m 10s	<a href="#">hadoop-common in the patch failed.</a>

-1	mvnsite	0m 10s	hadoop-hdfs in the patch failed.
-1	mvnsite	0m 9s	bkjournal in the patch failed.
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	xml	0m 0s	The patch has no ill-formed XML file.
-1	findbugs	0m 8s	hadoop-common in the patch failed.
-1	findbugs	0m 9s	hadoop-hdfs in the patch failed.
-1	findbugs	0m 8s	bkjournal in the patch failed.
-1	javadoc	0m 9s	hadoop-common in the patch failed.
-1	javadoc	0m 9s	hadoop-hdfs in the patch failed.
-1	javadoc	0m 9s	bkjournal in the patch failed.
			<b>Other Tests</b>
-1	unit	0m 10s	hadoop-common in the patch failed.
-1	unit	0m 9s	hadoop-hdfs in the patch failed.
-1	unit	0m 9s	bkjournal in the patch failed.
0	asflicense	0m 11s	ASF License check generated no output?
		18m 19s	

Subsystem	Report/Notes
Docker	Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:651d050
JIRA Issue	<a href="#">HDFS-14205</a>
JIRA Patch URL	<a href="https://issues.apache.org/jira/secure/attachment/12957825/HDFS-14205-branch-2.002.patch">https://issues.apache.org/jira/secure/attachment/12957825/HDFS-14205-branch-2.002.patch</a>
Optional Tests	dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle xml
uname	Linux b2b1f846f174 4.4.0-138-generic #164-Ubuntu SMP Tue Oct 2 17:16:02 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/patchprocess/precommit/personality/provided.sh
git revision	branch-2 / 6485b89
maven	version: Apache Maven 3.3.9
Default Java	1.7.0_95
mvninstall	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-mvninstall-root.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-mvninstall-root.txt</a>
compile	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-compile-root.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-compile-root.txt</a>
checkstyle	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/testptch/patchprocess/maven-branch-checkstyle-root.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/testptch/patchprocess/maven-branch-checkstyle-root.txt</a>
mvnsite	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-mvnsite-hadoop-common-project_hadoop-common.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-mvnsite-hadoop-common-project_hadoop-common.txt</a>
mvnsite	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-mvnsite-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-mvnsite-hadoop-hdfs-project_hadoop-hdfs.txt</a>
mvnsite	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-mvnsite-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-mvnsite-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt</a>
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-findbugs-hadoop-common-project_hadoop-common.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-findbugs-hadoop-common-project_hadoop-common.txt</a>
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs.txt</a>
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt</a>
javadoc	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-javadoc-hadoop-common-project_hadoop-common.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-javadoc-hadoop-common-project_hadoop-common.txt</a>

javadoc	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-javadoc-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-javadoc-hadoop-hdfs-project_hadoop-hdfs.txt</a>
javadoc	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-javadoc-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/branch-javadoc-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt</a>
mvninstall	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-mvninstall-hadoop-common-project_hadoop-common.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-mvninstall-hadoop-common-project_hadoop-common.txt</a>
mvninstall	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-mvninstall-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-mvninstall-hadoop-hdfs-project_hadoop-hdfs.txt</a>
mvninstall	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-mvninstall-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-mvninstall-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt</a>
compile	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-compile-root.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-compile-root.txt</a>
javac	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-compile-root.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-compile-root.txt</a>
checkstyle	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/testptch/patchprocess/maven-patch-checkstyle-root.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/testptch/patchprocess/maven-patch-checkstyle-root.txt</a>
mvnsite	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-mvnsite-hadoop-common-project_hadoop-common.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-mvnsite-hadoop-common-project_hadoop-common.txt</a>
mvnsite	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-mvnsite-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-mvnsite-hadoop-hdfs-project_hadoop-hdfs.txt</a>
mvnsite	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-mvnsite-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-mvnsite-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt</a>
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-findbugs-hadoop-common-project_hadoop-common.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-findbugs-hadoop-common-project_hadoop-common.txt</a>
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-findbugs-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-findbugs-hadoop-hdfs-project_hadoop-hdfs.txt</a>
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-findbugs-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-findbugs-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt</a>
javadoc	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-javadoc-hadoop-common-project_hadoop-common.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-javadoc-hadoop-common-project_hadoop-common.txt</a>
javadoc	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-javadoc-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-javadoc-hadoop-hdfs-project_hadoop-hdfs.txt</a>
javadoc	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-javadoc-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-javadoc-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt</a>
unit	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-unit-hadoop-common-project_hadoop-common.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-unit-hadoop-common-project_hadoop-common.txt</a>
unit	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt</a>
unit	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt</a>
Test Results	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/testReport/">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/testReport/</a>
Max. process+thread count	37 (vs. ulimit of 10000)
modules	C: hadoop-common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs hadoop-hdfs-project/hadoop-hdfs/src/contrib/bkjournal U: .
Console output	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26165/console">https://builds.apache.org/job/PreCommit-HDFS-Build/26165/console</a>
Powered by	Apache Yetus 0.8.0 <a href="http://yetus.apache.org">http://yetus.apache.org</a>

This message was automatically generated.

🔒  **Chen Liang** added a comment - 26/Feb/19 19:02

Hey [csun](#), any update on this? This is becoming a blocker for making the 2.10 release. If there is anything you need assistance, please feel free to call out. Thanks!


🔒  **Chao Sun** added a comment - 26/Feb/19 19:07

Sorry for the delay [vagarychen](#). I'm working on an updated patch (half way done) and will post it today or tomorrow. After that, I'll testing this in our internal dev cluster, probably later this week.


▼  [Chao Sun](#) added a comment - 27/Feb/19 00:02 - edited

Attached patch v3. The main change is that we forgot to use `MultipleNameNodeProxy` in the previous patch - this fixed it.

Also [vagarychen](#): do you know whether the branch-2 Jenkins will be fixed soon? we'll need that for the 2.10 release, right?

▼  [Chen Liang](#) added a comment - 27/Feb/19 01:29

Thanks [csun](#)! Will take a look. I think the branch-2 Jenkins is already fixed now.

▼  [Hadoop QA](#) added a comment - 27/Feb/19 03:11

 -1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	10m 46s	Docker mode activated.
Prechecks			
+1	@author	0m 0s	The patch does not contain any @author tags.
+1	test4tests	0m 0s	The patch appears to include 25 new or modified test files.
branch-2 Compile Tests			
0	mvndep	1m 47s	Maven dependency ordering for branch
+1	mvninstall	12m 10s	branch-2 passed
+1	compile	12m 8s	branch-2 passed with JDK v1.7.0_95
+1	compile	10m 35s	branch-2 passed with JDK v1.8.0_191
+1	checkstyle	2m 1s	branch-2 passed
+1	mvnsite	2m 38s	branch-2 passed
-1	findbugs	1m 48s	hadoop-common-project/hadoop-common in branch-2 has 1 extant Findbugs warnings.
-1	findbugs	2m 10s	hadoop-hdfs-project/hadoop-hdfs in branch-2 has 1 extant Findbugs warnings.
+1	javadoc	2m 46s	branch-2 passed with JDK v1.7.0_95
+1	javadoc	2m 7s	branch-2 passed with JDK v1.8.0_191
Patch Compile Tests			
0	mvndep	0m 18s	Maven dependency ordering for patch
+1	mvninstall	1m 57s	the patch passed
+1	compile	11m 29s	the patch passed with JDK v1.7.0_95
-1	javac	11m 29s	root-jdk1.7.0_95 with JDK v1.7.0_95 generated 1 new + 1442 unchanged - 1 fixed = 1443 total (was 1443)
+1	compile	10m 18s	the patch passed with JDK v1.8.0_191
+1	javac	10m 18s	the patch passed
-0	checkstyle	1m 59s	root: The patch generated 226 new + 1142 unchanged - 51 fixed = 1368 total (was 1193)
+1	mvnsite	2m 36s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	xml	0m 1s	The patch has no ill-formed XML file.
+1	findbugs	4m 42s	the patch passed
+1	javadoc	2m 43s	the patch passed with JDK v1.7.0_95
+1	javadoc	2m 7s	the patch passed with JDK v1.8.0_191
Other Tests			
+1	unit	8m 15s	hadoop-common in the patch passed.


-1	unit	63m 50s	hadoop-hdfs in the patch failed.
-1	unit	4m 11s	bkjournal in the patch failed.
+1	asflicense	0m 46s	The patch does not generate ASF License warnings.
		181m 4s	

Reason	Tests
Failed junit tests	hadoop.contrib.bkjournal.TestBookKeeperHACheckpoints
	hadoop.contrib.bkjournal.TestBookKeeperAsHARedDir
	hadoop.hdfs.server.namenode.ha.TestHASafeMode
	hadoop.hdfs.server.namenode.ha.TestBootstrapStandby
	hadoop.hdfs.server.namenode.ha.TestFailureOfSharedDir
	hadoop.hdfs.web.TestWebHdfsTimeouts
	hadoop.hdfs.qjournal.server.TestJournalNodeRespectsBindHostKeys
	hadoop.hdfs.tools.TestDFSZKFailoverController
	hadoop.hdfs.TestRollingUpgrade
	hadoop.hdfs.server.namenode.TestDecommissioningStatus
	hadoop.hdfs.server.namenode.ha.TestInitializeSharedEdits
	hadoop.hdfs.server.namenode.ha.TestHASStateTransitions
	hadoop.hdfs.TestRollingUpgradeDowngrade
	hadoop.hdfs.server.namenode.ha.TestEditLogsDuringFailover
	hadoop.hdfs.TestFetchImage
	hadoop.hdfs.server.namenode.ha.TestNNHealthCheck
	hadoop.hdfs.server.namenode.ha.TestStandbyCheckpoints
	hadoop.hdfs.server.namenode.TestCheckpoint
	hadoop.hdfs.server.namenode.ha.TestPipelinesFailover
	hadoop.hdfs.tools.TestDFSAdminWithHA
	hadoop.hdfs.server.datanode.TestDataNodeMultipleRegistrations
	hadoop.hdfs.server.namenode.ha.TestFailureToReadEdits
	hadoop.hdfs.server.blockmanagement.TestPendingReplication
	hadoop.hdfs.server.namenode.TestNameNodeMXBean
	hadoop.hdfs.TestRollingUpgradeRollback
	hadoop.hdfs.server.namenode.ha.TestDFSUpgradeWithHA
	hadoop.hdfs.server.namenode.TestEditLogRace
	hadoop.hdfs.TestDFSUpgradeFromImage
	hadoop.hdfs.TestDFSInotifyEventInputStream
	hadoop.hdfs.server.namenode.ha.TestHAMetrics
	hadoop.hdfs.server.namenode.ha.TestBootstrapStandbyWithQJM
	hadoop.hdfs.web.TestWebHdfsWithMultipleNameNodes
	hadoop.contrib.bkjournal.TestBookKeeperHACheckpoints
	hadoop.contrib.bkjournal.TestBookKeeperAsHARedDir


Subsystem	Report/Notes
Docker	Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:da67579
JIRA Issue	<a href="#">HDFS-14205</a>

JIRA Patch URL	<a href="https://issues.apache.org/jira/secure/attachment/12960259/HDFS-14205-branch-2.003.patch">https://issues.apache.org/jira/secure/attachment/12960259/HDFS-14205-branch-2.003.patch</a>
Optional Tests	dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle xml
uname	Linux 0fc14f8f2167 4.4.0-138-generic #164~14.04.1-Ubuntu SMP Fri Oct 5 08:56:16 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/patchprocess/precommit/personality/provided.sh
git revision	branch-2 / bae607f
maven	version: Apache Maven 3.3.9
Default Java	1.8.0_191
Multi-JDK versions	/usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 /usr/lib/jvm/java-8-openjdk-amd64:1.8.0_191
findbugs	v3.0.0
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26342/artifact/out/branch-findbugs-hadoop-common-project_hadoop-common-warnings.html">https://builds.apache.org/job/PreCommit-HDFS-Build/26342/artifact/out/branch-findbugs-hadoop-common-project_hadoop-common-warnings.html</a>
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26342/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs-warnings.html">https://builds.apache.org/job/PreCommit-HDFS-Build/26342/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs-warnings.html</a>
javac	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26342/artifact/out/diff-compile-javac-root-jdk1.7.0_95.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26342/artifact/out/diff-compile-javac-root-jdk1.7.0_95.txt</a>
checkstyle	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26342/artifact/out/diff-checkstyle-root.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26342/artifact/out/diff-checkstyle-root.txt</a>
unit	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26342/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26342/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt</a>
unit	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26342/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26342/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt</a>
Test Results	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26342/testReport/">https://builds.apache.org/job/PreCommit-HDFS-Build/26342/testReport/</a>
Max. process+thread count	4930 (vs. ulimit of 10000)
modules	C: hadoop-common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs hadoop-hdfs-project/hadoop-hdfs/src/contrib/bkjournal U: .
Console output	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26342/console">https://builds.apache.org/job/PreCommit-HDFS-Build/26342/console</a>
Powered by	Apache Yetus 0.8.0 <a href="http://yetus.apache.org">http://yetus.apache.org</a>

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▼  Chao Sun added a comment - 27/Feb/19 04:50

Thanks [vagarychen](#). Jenkins is working now. I'll investigate the failed unit tests.

▼  Hadoop QA added a comment - 28/Feb/19 10:15

 **-1 overall**

Vote	Subsystem	Runtime	Comment
0	reexec	11m 5s	<a href="#">Docker mode activated.</a>
			<b>Prechecks</b>
+1	@author	0m 0s	The patch does not contain any @author tags.
+1	test4tests	0m 0s	The patch appears to include 25 new or modified test files.
			<b>branch-2 Compile Tests</b>
0	mvndep	1m 48s	<a href="#">Maven dependency ordering for branch</a>
+1	mvninstall	12m 57s	branch-2 passed
+1	compile	12m 19s	branch-2 passed with JDK v1.7.0_95
+1	compile	10m 38s	branch-2 passed with JDK v1.8.0_191

+1	checkstyle	1m 54s	branch-2 passed
+1	mvnsite	2m 41s	branch-2 passed
-1	findbugs	1m 49s	hadoop-common-project/hadoop-common in branch-2 has 1 extant Findbugs warnings.
-1	findbugs	2m 13s	hadoop-hdfs-project/hadoop-hdfs in branch-2 has 1 extant Findbugs warnings.
+1	javadoc	2m 49s	branch-2 passed with JDK v1.7.0_95
+1	javadoc	2m 13s	branch-2 passed with JDK v1.8.0_191
Patch Compile Tests			
0	mvndep	0m 16s	Maven dependency ordering for patch
-1	mvninstall	0m 39s	hadoop-hdfs in the patch failed.
-1	mvninstall	0m 18s	bkjournal in the patch failed.
-1	compile	2m 8s	root in the patch failed with JDK v1.7.0_95.
-1	javac	2m 8s	root in the patch failed with JDK v1.7.0_95.
-1	compile	2m 3s	root in the patch failed with JDK v1.8.0_191.
-1	javac	2m 3s	root in the patch failed with JDK v1.8.0_191.
-0	checkstyle	1m 54s	root: The patch generated 232 new + 1132 unchanged - 59 fixed = 1364 total (was 1191)
-1	mvnsite	0m 46s	hadoop-hdfs in the patch failed.
-1	mvnsite	0m 19s	bkjournal in the patch failed.
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	xml	0m 2s	The patch has no ill-formed XML file.
-1	findbugs	0m 18s	hadoop-hdfs in the patch failed.
-1	findbugs	0m 16s	bkjournal in the patch failed.
+1	javadoc	2m 21s	the patch passed with JDK v1.7.0_95
+1	javadoc	1m 49s	the patch passed with JDK v1.8.0_191
Other Tests			
+1	unit	8m 46s	hadoop-common in the patch passed.
-1	unit	0m 34s	hadoop-hdfs in the patch failed.
-1	unit	0m 17s	bkjournal in the patch failed.
+1	asflicense	0m 23s	The patch does not generate ASF License warnings.
		93m 20s	

Subsystem	Report/Notes
Docker	Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:da67579
JIRA Issue	<a href="#">HDFS-14205</a>
JIRA Patch URL	<a href="https://issues.apache.org/jira/secure/attachment/12960554/HDFS-14205-branch-2.004.patch">https://issues.apache.org/jira/secure/attachment/12960554/HDFS-14205-branch-2.004.patch</a>
Optional Tests	dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle xml
uname	Linux f5022bedc7a4 4.4.0-139-generic #165~14.04.1-Ubuntu SMP Wed Oct 31 10:55:11 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/patchprocess/precommit/personality/provided.sh
git revision	branch-2 / a49cb44
maven	version: Apache Maven 3.3.9
Default Java	1.8.0_191
Multi-JDK versions	/usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 /usr/lib/jvm/java-8-openjdk-amd64:1.8.0_191
findbugs	v3.0.0
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/branch-findbugs-hadoop-common-project_hadoop-common-warnings.html">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/branch-findbugs-hadoop-common-project_hadoop-common-warnings.html</a>



findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs-warnings.html">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs-warnings.html</a>
mvninstall	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-mvninstall-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-mvninstall-hadoop-hdfs-project_hadoop-hdfs.txt</a>
mvninstall	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-mvninstall-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-mvninstall-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt</a>
compile	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-compile-root-jdk1.7.0_95.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-compile-root-jdk1.7.0_95.txt</a>
javac	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-compile-root-jdk1.7.0_95.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-compile-root-jdk1.7.0_95.txt</a>
compile	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-compile-root-jdk1.8.0_191.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-compile-root-jdk1.8.0_191.txt</a>
javac	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-compile-root-jdk1.8.0_191.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-compile-root-jdk1.8.0_191.txt</a>
checkstyle	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/diff-checkstyle-root.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/diff-checkstyle-root.txt</a>
mvnsite	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-mvnsite-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-mvnsite-hadoop-hdfs-project_hadoop-hdfs.txt</a>
mvnsite	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-mvnsite-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-mvnsite-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt</a>
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-findbugs-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-findbugs-hadoop-hdfs-project_hadoop-hdfs.txt</a>
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-findbugs-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-findbugs-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt</a>
unit	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt</a>
unit	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs_src_contrib_bkjournal.txt</a>
Test Results	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/testReport/">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/testReport/</a>
Max. process+thread count	1410 (vs. ulimit of 10000)
modules	C: hadoop-common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs hadoop-hdfs-project/hadoop-hdfs/src/contrib/bkjournal U: .
Console output	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26360/console">https://builds.apache.org/job/PreCommit-HDFS-Build/26360/console</a>
Powered by	Apache Yetus 0.8.0 <a href="http://yetus.apache.org">http://yetus.apache.org</a>

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Chao Sun added a comment - 28/Feb/19 18:04

Oops a typo in v4. Uploaded patch v5.

Hadoop QA added a comment - 28/Feb/19 21:07

 -1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	13m 58s	Docker mode activated.
			Prechecks
+1	@author	0m 0s	The patch does not contain any @author tags.
+1	test4tests	0m 0s	The patch appears to include 25 new or modified test files.
			branch-2 Compile Tests
0	mvndep	1m 46s	Maven dependency ordering for branch
+1	mvninstall	11m 12s	branch-2 passed
+1	compile	12m 13s	branch-2 passed with JDK v1.7.0_95

+1	compile	10m 18s	branch-2 passed with JDK v1.8.0_191
+1	checkstyle	1m 57s	branch-2 passed
+1	mvnsite	2m 49s	branch-2 passed
-1	findbugs	1m 40s	hadoop-common-project/hadoop-common in branch-2 has 1 extant Findbugs warnings.
-1	findbugs	1m 57s	hadoop-hdfs-project/hadoop-hdfs in branch-2 has 1 extant Findbugs warnings.
+1	javadoc	2m 57s	branch-2 passed with JDK v1.7.0_95
+1	javadoc	2m 23s	branch-2 passed with JDK v1.8.0_191
			<b>Patch Compile Tests</b>
0	mvndep	0m 19s	Maven dependency ordering for patch
+1	mvninstall	1m 48s	the patch passed
+1	compile	11m 50s	the patch passed with JDK v1.7.0_95
+1	javac	11m 50s	the patch passed
+1	compile	10m 19s	the patch passed with JDK v1.8.0_191
+1	javac	10m 19s	the patch passed
-0	checkstyle	1m 57s	root: The patch generated 226 new + 1142 unchanged - 51 fixed = 1368 total (was 1193)
+1	mvnsite	2m 43s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	xml	0m 1s	The patch has no ill-formed XML file.
+1	findbugs	4m 36s	the patch passed
+1	javadoc	2m 35s	the patch passed with JDK v1.7.0_95
+1	javadoc	1m 54s	the patch passed with JDK v1.8.0_191
			<b>Other Tests</b>
+1	unit	8m 1s	hadoop-common in the patch passed.
-1	unit	55m 44s	hadoop-hdfs in the patch failed.
+1	unit	5m 18s	bkjournal in the patch passed.
+1	asflicense	0m 42s	The patch does not generate ASF License warnings.
		176m 13s	

Reason	Tests
Failed junit tests	hadoop.hdfs.qjournal.server.TestJournalNodeRespectsBindHostKeys
	hadoop.hdfs.web.TestWebHdfsTimeouts
	hadoop.hdfs.TestDFSUpgradeFromImage
	hadoop.hdfs.server.namenode.ha.TestBootstrapStandby
	hadoop.hdfs.server.namenode.TestEditLogRace

Subsystem	Report/Notes
Docker	Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:da67579
JIRA Issue	<a href="#">HDFS-14205</a>
JIRA Patch URL	<a href="https://issues.apache.org/jira/secure/attachment/12960645/HDFS-14205-branch-2.005.patch">https://issues.apache.org/jira/secure/attachment/12960645/HDFS-14205-branch-2.005.patch</a>
Optional Tests	dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle xml
uname	Linux c24b5dd2ef1e 4.4.0-139-generic #165-Ubuntu SMP Wed Oct 24 10:58:50 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/patchprocess/precommit/personality/provided.sh
git revision	branch-2 / a49cb44

maven	version: Apache Maven 3.3.9
Default Java	1.8.0_191
Multi-JDK versions	/usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 /usr/lib/jvm/java-8-openjdk-amd64:1.8.0_191
findbugs	v3.0.0
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26365/artifact/out/branch-findbugs-hadoop-common-project_hadoop-common-warnings.html">https://builds.apache.org/job/PreCommit-HDFS-Build/26365/artifact/out/branch-findbugs-hadoop-common-project_hadoop-common-warnings.html</a>
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26365/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs-warnings.html">https://builds.apache.org/job/PreCommit-HDFS-Build/26365/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs-warnings.html</a>
checkstyle	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26365/artifact/out/diff-checkstyle-root.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26365/artifact/out/diff-checkstyle-root.txt</a>
unit	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26365/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26365/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt</a>
Test Results	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26365/testReport/">https://builds.apache.org/job/PreCommit-HDFS-Build/26365/testReport/</a>
Max. process+thread count	3935 (vs. ulimit of 10000)
modules	C: hadoop-common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs hadoop-hdfs-project/hadoop-hdfs/src/contrib/bkjournal U: .
Console output	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26365/console">https://builds.apache.org/job/PreCommit-HDFS-Build/26365/console</a>
Powered by	Apache Yetus 0.8.0 <a href="http://yetus.apache.org">http://yetus.apache.org</a>

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Chao Sun added a comment - 04/Mar/19 21:55

Re-attach patch v6 to trigger jenkins.

Hadoop QA added a comment - 05/Mar/19 01:30

 -1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	0m 27s	Docker mode activated.
			Prechecks
+1	@author	0m 0s	The patch does not contain any @author tags.
+1	test4tests	0m 0s	The patch appears to include 31 new or modified test files.
			branch-2 Compile Tests
0	mvndep	1m 51s	Maven dependency ordering for branch
+1	mvninstall	11m 42s	branch-2 passed
+1	compile	13m 21s	branch-2 passed with JDK v1.7.0_95
+1	compile	11m 32s	branch-2 passed with JDK v1.8.0_191
+1	checkstyle	2m 20s	branch-2 passed
+1	mvnsite	3m 17s	branch-2 passed
-1	findbugs	1m 56s	hadoop-common-project/hadoop-common in branch-2 has 1 extant Findbugs warnings.
-1	findbugs	2m 8s	hadoop-hdfs-project/hadoop-hdfs in branch-2 has 1 extant Findbugs warnings.
+1	javadoc	3m 12s	branch-2 passed with JDK v1.7.0_95
+1	javadoc	2m 28s	branch-2 passed with JDK v1.8.0_191
			Patch Compile Tests
0	mvndep	0m 19s	Maven dependency ordering for patch
+1	mvninstall	2m 23s	the patch passed
+1	compile	16m 34s	the patch passed with JDK v1.7.0_95
+1	javac	16m 34s	the patch passed


+1	compile	16m 18s	the patch passed with JDK v1.8.0_191
+1	javac	16m 18s	the patch passed
-0	checkstyle	2m 32s	root: The patch generated 226 new + 1173 unchanged - 53 fixed = 1399 total (was 1226)
+1	mvnsite	3m 10s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	xml	0m 2s	The patch has no ill-formed XML file.
+1	findbugs	5m 14s	the patch passed
+1	javadoc	3m 16s	the patch passed with JDK v1.7.0_95
+1	javadoc	2m 32s	the patch passed with JDK v1.8.0_191
Other Tests			
-1	unit	11m 1s	hadoop-common in the patch failed.
-1	unit	77m 0s	hadoop-hdfs in the patch failed.
+1	unit	7m 41s	bkjournal in the patch passed.
+1	asflicense	0m 49s	The patch does not generate ASF License warnings.
		208m 46s	

Reason	Tests
Failed junit tests	hadoop.util.TestDiskCheckerWithDisklo
	hadoop.hdfs.TestDFSUpgradeFromImage
	hadoop.hdfs.server.namenode.ha.TestBootstrapStandby
	hadoop.hdfs.qjournal.server.TestJournalNodeRespectsBindHostKeys
	hadoop.hdfs.server.namenode.snapshot.TestSnapshotFileLength
	hadoop.hdfs.server.namenode.TestDecommissioningStatus
	hadoop.hdfs.server.namenode.TestNamenodeCapacityReport


Subsystem	Report/Notes
Docker	Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:da67579
JIRA Issue	<a href="#">HDFS-14205</a>
JIRA Patch URL	<a href="https://issues.apache.org/jira/secure/attachment/12961059/HDFS-14205-branch-2.007.patch">https://issues.apache.org/jira/secure/attachment/12961059/HDFS-14205-branch-2.007.patch</a>
Optional Tests	dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle xml
uname	Linux 72dae218e161 3.13.0-153-generic #203-Ubuntu SMP Thu Jun 14 08:52:28 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/patchprocess/precommit/personality/provided.sh
git revision	branch-2 / d71cfe1
maven	version: Apache Maven 3.3.9
Default Java	1.8.0_191
Multi-JDK versions	/usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 /usr/lib/jvm/java-8-openjdk-amd64:1.8.0_191
findbugs	v3.0.0
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26403/artifact/out/branch-findbugs-hadoop-common-project_hadoop-common-warnings.html">https://builds.apache.org/job/PreCommit-HDFS-Build/26403/artifact/out/branch-findbugs-hadoop-common-project_hadoop-common-warnings.html</a>
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26403/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs-warnings.html">https://builds.apache.org/job/PreCommit-HDFS-Build/26403/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs-warnings.html</a>
checkstyle	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26403/artifact/out/diff-checkstyle-root.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26403/artifact/out/diff-checkstyle-root.txt</a>

unit	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26403/artifact/out/patch-unit-hadoop-common-project_hadoop-common.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26403/artifact/out/patch-unit-hadoop-common-project_hadoop-common.txt</a>
unit	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26403/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26403/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt</a>
Test Results	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26403/testReport/">https://builds.apache.org/job/PreCommit-HDFS-Build/26403/testReport/</a>
Max. process+thread count	2746 (vs. ulimit of 10000)
modules	C: hadoop-common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs hadoop-hdfs-project/hadoop-hdfs/src/contrib/bkjournal U: .
Console output	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26403/console">https://builds.apache.org/job/PreCommit-HDFS-Build/26403/console</a>
Powered by	Apache Yetus 0.8.0 <a href="http://yetus.apache.org">http://yetus.apache.org</a>

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▼  **Chao Sun** added a comment - 05/Mar/19 06:00

Hmm... all the failed tests are passing locally on my laptop.. [vagarychen](#): if possible, could you verify the patch on you side and see if the tests are passing?

▼  **Hadoop QA** added a comment - 08/Mar/19 10:34

 **-1 overall**

Vote	Subsystem	Runtime	Comment
0	reexec	0m 56s	Docker mode activated.
			<b>Prechecks</b>
+1	@author	0m 0s	The patch does not contain any @author tags.
+1	test4tests	0m 0s	The patch appears to include 31 new or modified test files.
			<b>branch-2 Compile Tests</b>
0	mvndep	1m 21s	Maven dependency ordering for branch
+1	mvninstall	11m 44s	branch-2 passed
+1	compile	20m 27s	branch-2 passed with JDK v1.7.0_95
+1	compile	16m 33s	branch-2 passed with JDK v1.8.0_191
+1	checkstyle	2m 43s	branch-2 passed
+1	mvnsite	3m 31s	branch-2 passed
-1	findbugs	2m 3s	hadoop-common-project/hadoop-common in branch-2 has 1 extant Findbugs warnings.
-1	findbugs	2m 15s	hadoop-hdfs-project/hadoop-hdfs in branch-2 has 1 extant Findbugs warnings.
+1	javadoc	3m 17s	branch-2 passed with JDK v1.7.0_95
+1	javadoc	2m 33s	branch-2 passed with JDK v1.8.0_191
			<b>Patch Compile Tests</b>
0	mvndep	0m 20s	Maven dependency ordering for patch
+1	mvninstall	2m 24s	the patch passed
+1	compile	16m 14s	the patch passed with JDK v1.7.0_95
+1	javac	16m 14s	the patch passed
+1	compile	16m 51s	the patch passed with JDK v1.8.0_191
+1	javac	16m 51s	the patch passed
-0	checkstyle	2m 4s	root: The patch generated 226 new + 1173 unchanged - 53 fixed = 1399 total (was 1226)
+1	mvnsite	3m 7s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	xml	0m 2s	The patch has no ill-formed XML file.

+1	findbugs	5m 23s	the patch passed
+1	javadoc	3m 19s	the patch passed with JDK v1.7.0_95
+1	javadoc	2m 29s	the patch passed with JDK v1.8.0_191
			<b>Other Tests</b>
+1	unit	10m 23s	hadoop-common in the patch passed.
-1	unit	75m 1s	hadoop-hdfs in the patch failed.
+1	unit	7m 38s	bkjournal in the patch passed.
+1	asflicense	0m 49s	The patch does not generate ASF License warnings.
		220m 3s	

Reason	Tests
Failed junit tests	hadoop.hdfs.TestDFSUpgradeFromImage
	hadoop.hdfs.qjournal.server.TestJournalNodeRespectsBindHostKeys
	hadoop.hdfs.server.datanode.fsdataset.impl.TestFsDatasetImpl

Subsystem	Report/Notes
Docker	Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:da67579
JIRA Issue	<a href="#">HDFS-14205</a>
JIRA Patch URL	<a href="https://issues.apache.org/jira/secure/attachment/12961676/HDFS-14205-branch-2.008.patch">https://issues.apache.org/jira/secure/attachment/12961676/HDFS-14205-branch-2.008.patch</a>
Optional Tests	dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle xml
uname	Linux 1a3ccd6997a7 3.13.0-153-generic #203-Ubuntu SMP Thu Jun 14 08:52:28 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/patchprocess/precommit/personality/provided.sh
git revision	branch-2 / b83ec96
maven	version: Apache Maven 3.3.9
Default Java	1.8.0_191
Multi-JDK versions	/usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 /usr/lib/jvm/java-8-openjdk-amd64:1.8.0_191
findbugs	v3.0.0
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26435/artifact/out/branch-findbugs-hadoop-common-project_hadoop-common-warnings.html">https://builds.apache.org/job/PreCommit-HDFS-Build/26435/artifact/out/branch-findbugs-hadoop-common-project_hadoop-common-warnings.html</a>
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26435/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs-warnings.html">https://builds.apache.org/job/PreCommit-HDFS-Build/26435/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs-warnings.html</a>
checkstyle	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26435/artifact/out/diff-checkstyle-root.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26435/artifact/out/diff-checkstyle-root.txt</a>
unit	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26435/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26435/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt</a>
Test Results	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26435/testReport/">https://builds.apache.org/job/PreCommit-HDFS-Build/26435/testReport/</a>
Max. process+thread count	2751 (vs. ulimit of 10000)
modules	C: hadoop-common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs hadoop-hdfs-project/hadoop-hdfs/src/contrib/bkjournal U: .
Console output	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26435/console">https://builds.apache.org/job/PreCommit-HDFS-Build/26435/console</a>
Powered by	Apache Yetus 0.8.0 <a href="http://yetus.apache.org">http://yetus.apache.org</a>

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-1 overall

Vote	Subsystem	Runtime	Comment
0	reexec	11m 36s	Docker mode activated.
			<b>Prechecks</b>
+1	@author	0m 0s	The patch does not contain any @author tags.
+1	test4tests	0m 0s	The patch appears to include 31 new or modified test files.
			<b>branch-2 Compile Tests</b>
0	mvndep	0m 38s	Maven dependency ordering for branch
+1	mvninstall	8m 45s	branch-2 passed
+1	compile	12m 8s	branch-2 passed with JDK v1.7.0_95
+1	compile	11m 16s	branch-2 passed with JDK v1.8.0_191
+1	checkstyle	1m 38s	branch-2 passed
+1	mvnsite	2m 27s	branch-2 passed
-1	findbugs	1m 36s	hadoop-common-project/hadoop-common in branch-2 has 1 extant Findbugs warnings.
-1	findbugs	1m 52s	hadoop-hdfs-project/hadoop-hdfs in branch-2 has 1 extant Findbugs warnings.
+1	javadoc	2m 27s	branch-2 passed with JDK v1.7.0_95
+1	javadoc	2m 8s	branch-2 passed with JDK v1.8.0_191
			<b>Patch Compile Tests</b>
0	mvndep	0m 15s	Maven dependency ordering for patch
+1	mvninstall	1m 49s	the patch passed
+1	compile	11m 34s	the patch passed with JDK v1.7.0_95
+1	javac	11m 34s	the patch passed
+1	compile	10m 15s	the patch passed with JDK v1.8.0_191
+1	javac	10m 15s	the patch passed
-0	checkstyle	2m 0s	root: The patch generated 226 new + 1174 unchanged - 53 fixed = 1400 total (was 1227)
+1	mvnsite	2m 40s	the patch passed
+1	whitespace	0m 0s	The patch has no whitespace issues.
+1	xml	0m 1s	The patch has no ill-formed XML file.
+1	findbugs	4m 35s	the patch passed
+1	javadoc	2m 38s	the patch passed with JDK v1.7.0_95
+1	javadoc	2m 12s	the patch passed with JDK v1.8.0_191
			<b>Other Tests</b>
+1	unit	8m 28s	hadoop-common in the patch passed.
-1	unit	53m 42s	hadoop-hdfs in the patch failed.
+1	unit	5m 0s	bkjournal in the patch passed.
+1	asflicense	0m 46s	The patch does not generate ASF License warnings.
		167m 38s	

Reason	Tests
Failed junit tests	hadoop.hdfs.qjournal.server.TestJournalNodeRespectsBindHostKeys
	hadoop.hdfs.web.TestWebHdfsTimeouts

Subsystem	Report/Notes
Docker	Client=17.05.0-ce Server=17.05.0-ce Image:yetus/hadoop:da67579
JIRA Issue	<a href="#">HDFS-14205</a>
JIRA Patch URL	<a href="https://issues.apache.org/jira/secure/attachment/12961919/HDFS-14205-branch-2.009.patch">https://issues.apache.org/jira/secure/attachment/12961919/HDFS-14205-branch-2.009.patch</a>
Optional Tests	dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient findbugs checkstyle xml
uname	Linux 63e09eb4c71f 4.4.0-139-generic #165-Ubuntu SMP Wed Oct 24 10:58:50 UTC 2018 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/patchprocess/precommit/personality/provided.sh
git revision	branch-2 / 396fcee
maven	version: Apache Maven 3.3.9
Default Java	1.8.0_191
Multi-JDK versions	/usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 /usr/lib/jvm/java-8-openjdk-amd64:1.8.0_191
findbugs	v3.0.0
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26443/artifact/out/branch-findbugs-hadoop-common-project_hadoop-common-warnings.html">https://builds.apache.org/job/PreCommit-HDFS-Build/26443/artifact/out/branch-findbugs-hadoop-common-project_hadoop-common-warnings.html</a>
findbugs	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26443/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs-warnings.html">https://builds.apache.org/job/PreCommit-HDFS-Build/26443/artifact/out/branch-findbugs-hadoop-hdfs-project_hadoop-hdfs-warnings.html</a>
checkstyle	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26443/artifact/out/diff-checkstyle-root.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26443/artifact/out/diff-checkstyle-root.txt</a>
unit	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26443/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt">https://builds.apache.org/job/PreCommit-HDFS-Build/26443/artifact/out/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt</a>
Test Results	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26443/testReport/">https://builds.apache.org/job/PreCommit-HDFS-Build/26443/testReport/</a>
Max. process+thread count	3936 (vs. ulimit of 10000)
modules	C: hadoop-common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs hadoop-hdfs-project/hadoop-hdfs/src/contrib/bkjournal U: .
Console output	<a href="https://builds.apache.org/job/PreCommit-HDFS-Build/26443/console">https://builds.apache.org/job/PreCommit-HDFS-Build/26443/console</a>
Powered by	Apache Yetus 0.8.0 <a href="http://yetus.apache.org">http://yetus.apache.org</a>


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▼  **Chao Sun** added a comment - 11/Mar/19 17:40

Turned out I need to generate the patch using `--binary` flag. There are still two failed tests in the latest run. However, they do not seem related to the patch: `TestWebHdfsTimeouts` is a known flaky test, while `TestJournalNodeRespectsBindHostKeys` failed due to:

```
java.io.FileNotFoundException: /home/jenkins/.keystore (No such file or directory)
```

I tested latter locally and it passed.

▼  **Chao Sun** added a comment - 13/Mar/19 20:46

**vagarychen** there are a few things I fixed in the latest patch:

1. One line:

```
Configuration hdfsConf = new Configuration(conf);
```

was missing from `MiniDFSCluster`. The change was added later by [HDFS-9142](#) and conflicts with [HDFS-6440](#). It also changed the return type of `createNameNode` from `NameNodeInfo` to `void`.

2. In `TestEditLogRace`, it should be:

```
private static final String NAME_DIR = MiniDFSCluster.getBaseDirectory() + "name-0-1";
```

for the latest change.

3. In `TestBootstrapStandby#testSuccessfulBaseCase`, some of the code before `restartNameNodesFromIndex` need to be



moved into the for loop.

4. In `TestBootstrapStandby#testDownloadingLaterCheckpoint`, it should be:

```
URI editsUri = cluster.getSharedEditsDir(0, maxNNCount - 1);
```


instead of:

```
URI editsUri = cluster.getSharedEditsDir(0, 1);
```

5. Binary changes (e.g., `hadoop-1-reserved.tgz`) were missing in the early patches.


6. Before patch v2, `MultipleNameNodeProxy` was defined but not used. It was fixed since patch v3.

---

👇  **Chen Liang** added a comment - 14/Mar/19 18:40


Thanks for the details [csun](#)! The two failed tests passed in my local run as well. Still reading through the patch.

---

👇  **Chen Liang** added a comment - 18/Mar/19 21:24

[csun](#) v009 patch looks pretty good to me. Thanks for the effort! I wonder though, about #2 change, is this change necessary? it seems this is change is from [HDFS-13676](#) in trunk, why do we need to include this change here? Similarly, #4 seems from [HDFS-9533](#) in trunk. Also, original patch broke several things as mentioned in [HDFS-6440](#) JIRA, do we plan to address separately?


---

👇  **Chao Sun** added a comment - 18/Mar/19 21:44

Thanks [vagarychen](#). I think we need to include the change for #2 and #4. In trunk, the [HDFS-6440](#) came before [HDFS-13676](#) and [HDFS-9533](#). However, in branch-2 we don't have [HDFS-6440](#) but have the latter two: the backported version for these two is slightly modified to accommodate the single-SBN architecture but no longer works with [HDFS-6440](#).


Yes, after this we'll need to backport a few follow up JIRAs after [HDFS-6440](#). I'll create JIRAs for the work. Hopefully they should be relatively straightforward. 😊

---

👇  **Chen Liang** added a comment - 26/Mar/19 17:45


Thanks [csun](#) for the clarification. I re-ran the two tests again and still passed. I will commit v009 patch soon.

---

👇  **Chen Liang** added a comment - 26/Mar/19 19:13

I have backported v009 patch to branch-2, thanks [csun](#) for the effort!

---

👇  **Chao Sun** added a comment - 26/Mar/19 19:45

Thanks [vagarychen](#)! I'll backport the follow-up JIRAs soon.


---

#### 👇 People

Assignee:

 Chao Sun

Reporter:

 Chen Liang

Votes:

 0 Vote for this issue

Watchers:

 10 Start watching this issue

---

#### 👇 Dates

Created:

14/Jan/19 19:16

Updated:

4/19/23, 8:51 PM

[HDFS-14205] Backport HDFS-6440 to branch-2 - ASF JIRA

03/Jan/20 21:59

Resolved:

26/Mar/19 19:13