

**git\_comments:**

1. `** Create the /tmp directory as <i>hdfs</i> and /tmp/test as <i>sink</i> and * return the UGI for <i>sink</i>. ** @param cluster the mini-cluster * @return the UGI for <i>sink</i> * @throws IOException thrown if login or directory creation fails * @throws InterruptedException thrown if interrupted while creating a * file system handle`
2. `** Do a basic write test against an HDFS cluster with Kerberos enabled but * without the principal and keytab properties set. ** @throws Exception thrown if things break`
3. `** Setup the KDC for testing a secure HDFS cluster ** @throws Exception thrown if the KDC setup fails`
4. `Restore non-secure conf`
5. `* Licensed to the Apache Software Foundation (ASF) under one * or more contributor license agreements. See the NOTICE file * distributed with this work for additional information * regarding copyright ownership. The ASF licenses this file * to you under the Apache License, Version 2.0 (the * "License"); you may not use this file except in compliance * with the License. You may obtain a copy of the License at * * http://www.apache.org/licenses/LICENSE-2.0 * * Unless required by applicable law or agreed to in writing, software * distributed under the License is distributed on an "AS IS" BASIS, * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. * See the License for the specific language governing permissions and * limitations under the License.`
6. `** Stop the mini-KDC.`
7. `** Do a basic write test against an HDFS cluster with Kerberos enabled. We * assume that if a basic write succeeds, more complex operations will also * succeed. ** @throws Exception thrown if things break`
8. `** Creates a configuration for starting a secure cluster. ** @param dataTransferProtection supported QOPs * @return configuration for starting a secure cluster * @throws Exception if there is any failure`
9. `** Test the {@link RollingFileSystemSink} class in the context of HDFS with * Kerberos enabled.`
10. `Validate config so that we don't get an NPE`
11. `This flag is used during testing to make the flusher thread run after only a short pause instead of waiting for the top of the hour.`
12. `** Return the supplied file system for testing or otherwise get a new file * system. ** @param conf the configuration * @return the file system to use * @throws MetricsException thrown if the file system could not be retrieved`
13. `Don't do secure setup if it's not needed.`
14. `Login as whoever we're supposed to be and let the hostname be pulled from localhost. If security isn't enabled, this does nothing.`
15. `This flag is used by the flusher thread to indicate that it has run. Used only for testing purposes. Use this configuration instead of loading a new one.`
16. `** Return the supplied configuration for testing or otherwise load a new * configuration. ** @return the configuration to use`
17. `The config we're handed in init() isn't the one we want here, so we create a new one to pick up the full settings.`
18. `** Throw a {@link MetricsException} if the given property is not set. ** @param conf the configuration to test * @param key the key to validate`
19. `Use this file system instead of getting a new one.`
20. `This step isn't strictly necessary, but it makes debugging issues much easier. We try to create the base directory eagerly and fail with copious debug info if it fails.`
21. `** Set up the metrics system, start it, and return it. * @param path the base path for the sink * @param ignoreErrors whether the sink should ignore errors * @param allowAppend whether the sink is allowed to append to existing files * @param useSecureParams whether to set the principal and keytab properties * @return the org.apache.hadoop.metrics2.MetricsSystem`

**git\_commits:**

1. **summary:** HDFS-9780. RollingFileSystemSink doesn't work on secure clusters. (Daniel Templeton via kasha)  
**message:** HDFS-9780. RollingFileSystemSink doesn't work on secure clusters. (Daniel Templeton via kasha)  
(cherry picked from commit 33ce7f6c072144f55be30c66099eef5bc736405e)

**github\_issues:****github\_issues\_comments:****github\_pulls:****github\_pulls\_comments:****github\_pulls\_reviews:****jira\_issues:**

1. **summary:** RollingFileSystemSink doesn't work on secure clusters  
**description:** If HDFS has kerberos enabled, the sink cannot write its logs.

#### jira\_issues\_comments:

1. This patch may fail on integration pending HADOOP-12759.
2. New tests will be added via HDFS-9637.
3. | (x) \*{color:red}-1 overall{color}\* | \ \ \ \ | Vote | Subsystem | Runtime | Comment | | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 0s {color} | {color:blue} Docker mode activated. {color} | | {color:red}-1{color} | {color:red} patch {color} | {color:red} 0m 4s {color} | {color:red} HADOOP-12775 does not apply to trunk. Rebase required? Wrong Branch? See <https://wiki.apache.org/hadoop/HowToContribute> for help. {color} | \ \ \ \ | Subsystem | Report/Notes | | JIRA Patch URL | <https://issues.apache.org/jira/secure/attachment/12786595/HADOOP-12775.001.patch> | | JIRA Issue | HADOOP-12775 | | Console output | <https://builds.apache.org/job/PreCommit-HADOOP-Build/8556/console> | | Powered by | Apache Yetus 0.2.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.
4. **body:** This patch adds missing docs and cleans up a little. It will still fail to integrate until HADOOP-12759 is in.  
**label:** code-design
5. | (x) \*{color:red}-1 overall{color}\* | \ \ \ \ | Vote | Subsystem | Runtime | Comment | | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 0s {color} | {color:blue} Docker mode activated. {color} | | {color:red}-1{color} | {color:red} patch {color} | {color:red} 0m 4s {color} | {color:red} HADOOP-12775 does not apply to trunk. Rebase required? Wrong Branch? See <https://wiki.apache.org/hadoop/HowToContribute> for help. {color} | \ \ \ \ | Subsystem | Report/Notes | | JIRA Patch URL | <https://issues.apache.org/jira/secure/attachment/12786673/HADOOP-12775.002.patch> | | JIRA Issue | HADOOP-12775 | | Console output | <https://builds.apache.org/job/PreCommit-HADOOP-Build/8561/console> | | Powered by | Apache Yetus 0.2.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.
6. | (x) \*{color:red}-1 overall{color}\* | \ \ \ \ | Vote | Subsystem | Runtime | Comment | | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 0s {color} | {color:blue} Docker mode activated. {color} | | {color:red}-1{color} | {color:red} patch {color} | {color:red} 0m 6s {color} | {color:red} HADOOP-12775 does not apply to trunk. Rebase required? Wrong Branch? See <https://wiki.apache.org/hadoop/HowToContribute> for help. {color} | \ \ \ \ | Subsystem | Report/Notes | | JIRA Patch URL | <https://issues.apache.org/jira/secure/attachment/12786673/HADOOP-12775.002.patch> | | JIRA Issue | HADOOP-12775 | | Console output | <https://builds.apache.org/job/PreCommit-HADOOP-Build/8563/console> | | Powered by | Apache Yetus 0.2.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.
7. Rebased patch.
8. | (/) \*{color:green}+1 overall{color}\* | \ \ \ \ | Vote | Subsystem | Runtime | Comment | | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 11s {color} | {color:blue} Docker mode activated. {color} | | {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} | | {color:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 1 new or modified test files. {color} | | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 12s {color} | {color:blue} Maven dependency ordering for branch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 8m 40s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 9m 58s {color} | {color:green} trunk passed with JDK v1.8.0\_66 {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 9m 6s {color} | {color:green} trunk passed with JDK v1.7.0\_91 {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 29s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 22s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 17s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 2m 10s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 12s {color} | {color:green} trunk passed with JDK v1.8.0\_66 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 21s {color} | {color:green} trunk passed with JDK v1.7.0\_91 {color} | | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 11s {color} | {color:blue} Maven dependency ordering for patch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 56s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 9m 56s {color} | {color:green} the patch passed with JDK v1.8.0\_66 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 9m 56s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 9m 27s {color} | {color:green} the patch passed with JDK v1.7.0\_91 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 9m 27s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 26s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 23s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 16s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green} Patch has no whitespace issues.

{color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 2m 23s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 17s {color} | {color:green} the patch passed with JDK v1.8.0\_66 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 23s {color} | {color:green} the patch passed with JDK v1.7.0\_91 {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 8m 23s {color} | {color:green} hadoop-common in the patch passed with JDK v1.8.0\_66. {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 8m 14s {color} | {color:green} hadoop-common in the patch passed with JDK v1.7.0\_91. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 23s {color} | {color:green} Patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 81m 4s {color} | {color:black} {color} | \ \ \ \ || Subsystem || Report/Notes || | Docker | Image:yetus/hadoop:0ca8df7 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12786710/HADOOP-12775.003.patch | | JIRA Issue | HADOOP-12775 | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | | uname | Linux 23a375ed5aca 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 / 5b59a0e | | Default Java | 1.7.0\_91 | | Multi-JDK versions | /usr/lib/jvm/java-8-oracle:1.8.0\_66 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0\_91 | | findbugs | v3.0.0 | | JDK v1.7.0\_91 Test Results | https://builds.apache.org/job/PreCommit-HADOOP-Build/8566/testReport/ | | modules | C: hadoop-common-project/hadoop-common U: hadoop-common-project/hadoop-common | | Max memory used | 77MB | | Console output | https://builds.apache.org/job/PreCommit-HADOOP-Build/8566/console | | Powered by | Apache Yetus 0.2.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.

9. This looks good overall, I applied HDFS-9637 to see the tests too. I'd like it if we posted tests and code together, since when it's split we don't have precommit coverage. Q about the testing static variables. I haven't worked much with the metrics system, but is there really no way to provide a configuration when instantiating? Needing statics to set these members is pretty gross, and makes the code bigger. Also, have you considered making the roll interval configurable? That way we wouldn't need a {{flushQuickly}} property. Seems useful since not all deployments will necessarily want hourly rolling.
10. **body:** Thanks, [~andrew.wang]. The metrics system takes a class name as the source/sink to start. It's then instantiated in complete isolation. That works fine in reality, but it's ugly for testing. The alternative to the static {{suppliedConf}} is to have the test write out a configuration file and then convince the metrics system to read it. That's also pretty ugly. On the {{suppliedFilesystem}} variable, I still don't exactly understand why I need it. When using a secure mini-cluster, if I try to use {{FileSystem.get()}}, all operations fail with a checksum error. Know anything about that? I have thought about making the interval configurable. And now that you've asked the question, I guess I gotta. :) Would number of minutes be a reasonable way to configure the rollover interval?

**label:** code-design

11. How about this on the tests... I'll take HDFS-9637 back to just covering HADOOP-12702 and HADOOP-12759, and then I'll move this JIRA over to HDFS and add the tests. Sound good?
12. Mind if I make the configurable interval a separate JIRA?
13. **body:** JIRA plan SGTm. We use milliseconds for most intervals, so recommend sticking with that. No idea about the filesystem, but if it's only when using a secure minicluster, it's probably some UGI issue. [~rkanter] might know more about such things.

**label:** code-design

14. I'm not sure about the checksum error itself, but how did you setup the secure mini cluster? Did you use MiniKDC?
15. **body:** The sink is running under the test user (i.e. me) whereas the file system only knows about the two users I create: hdfs and sink. That would seem the issue I was having. I now have a different issue. When I use the current user instead of creating the sink user I get an even less informative GSS exception saying it can't setup the connection for my user. I have validated that the principals are the same on both sides. This is clearly some test setup oddity, because it works fine in a real cluster. Rather than digging all the way to the bottom of this issue here, I'd rather stick with the static variable to pass in an fs instance that works. [~rkanter], what are your feelings on using the static variables to pass in objects instead of jumping through the hoops required to make the sink able to find its own handles to those objects? I think we should take the interval setting to a new JIRA. I'll file one shortly.

**label:** code-design

16. | (/) \*{color:green}+1 overall{color}\* | \ \ \ \ || Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 11m 39s {color} | {color:blue} Docker mode activated. {color} | | {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} | | {color:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 1 new or modified test files. {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 6m 33s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 5m 57s {color} | {color:green} trunk passed with JDK v1.8.0\_72 {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 6m 36s {color} | {color:green} trunk passed with JDK v1.7.0\_95 {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 20s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 2s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnecclipse {color} | {color:green} 0m 14s {color} |

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{color:green} trunk passed {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 1m
32s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} javadoc {color} |
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{color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green} Patch has no whitespace issues.
{color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 1m 47s {color} | {color:green}
the patch passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 50s {color} |
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common in the patch passed with JDK v1.8.0_72. {color} || {color:green}+1{color} | {color:green} unit {color} |
{color:green} 6m 54s {color} | {color:green} hadoop-common in the patch passed with JDK v1.7.0_95. {color} ||
{color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 22s {color} | {color:green} Patch does
not generate ASF License warnings. {color} || {color:black}{color} | {color:black} {color} | {color:black} 69m 26s
{color} | {color:black} {color} | \\ \\ || Subsystem || Report/Notes || Docker | Image:yetus/hadoop:0ca8df7 | JIRA
Patch URL | https://issues.apache.org/jira/secure/attachment/12786710/HADOOP-12775.003.patch | JIRA Issue |
HDFS-9780 || Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle ||
uname | Linux 7c2e8167e799 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 / 193d27d || Default Java |
1.7.0_95 || Multi-JDK versions | /usr/lib/jvm/java-8-oracle:1.8.0_72 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_95 ||
findbugs | v3.0.0 || JDK v1.7.0_95 Test Results | https://builds.apache.org/job/PreCommit-HDFS-
Build/14429/testReport/ || modules | C: hadoop-common-project/hadoop-common U: hadoop-common-
project/hadoop-common || Max memory used | 77MB || Console output | https://builds.apache.org/job/PreCommit-
HDFS-Build/14429/console || Powered by | Apache Yetus 0.2.0-SNAPSHOT http://yetus.apache.org | This message
was automatically generated.
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17. New patch incorporates tests. Now dependent on HDFS-9637.

18. | (x) \*{color:red}-1 overall{color}\* | \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} |  
{color:blue} reexec {color} | {color:blue} 0m 0s {color} | {color:blue} Docker mode activated. {color} ||  
{color:red}-1{color} | {color:red} patch {color} | {color:red} 0m 5s {color} | {color:red} HDFS-9780 does not  
apply to trunk. Rebase required? Wrong Branch? See https://wiki.apache.org/hadoop/HowToContribute for help.  
{color} | \\ \\ || Subsystem || Report/Notes || JIRA Patch URL |  
https://issues.apache.org/jira/secure/attachment/12787008/HDFS-9780.004.patch || JIRA Issue | HDFS-9780 ||  
Console output | https://builds.apache.org/job/PreCommit-HDFS-Build/14435/console || Powered by | Apache Yetus  
0.2.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.

19. HDFS-9782 has been created to make the interval configurable.

20. Canceling patch until HDFS-9637 gets committed.

21. Quickly skimmed through the patch. Do we want to checkForProperty even if security is not enabled? {code} //  
Validate config so that we don't get an NPE checkForProperty(conf, KEYTAB\_PROPERTY\_KEY);  
checkForProperty(conf, USERNAME\_PROPERTY\_KEY); {code} Once the patch is updated based on HDFS-  
9637, will take a closer look.

22. Now that HDFS-9637 is in, here's a patch that will apply. It also takes care of [~kasha]'s comment about overzealous  
property checking.

23. **body:** Oh, BTW, this patch adds a couple of long lines. I didn't think it was worth the hit to readability to break them  
up.

**label:** code-design

24. **body:** {quote}Robert Kanter, what are your feelings on using the static variables to pass in objects instead of  
jumping through the hoops required to make the sink able to find its own handles to those objects?{quote} If it's too  
complicated, then that's fine. In some of the new tests, we have {{initKDC()}}, followed by a few statements,  
including {{createSecureConfig()}}, which can throw an {{Exception}}. The call to {{shutdownKdc()}} might not  
happen if {{createSecureConfig()}} throws an {{Exception}} because of where the try-finally is.

**label:** code-design

25. Good point, [~rkanter]. Fixed in this patch.

26. +1 LGTM. Any other comments [~andrew.wang] or [~kasha]?

27. | (x) \*{color:red}-1 overall{color}\* | \ \ \ || Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} |  
| {color:blue} reexec {color} | {color:blue} 0m 0s {color} | {color:blue} Docker mode activated. {color} | |  
| {color:red}-1{color} | {color:red} docker {color} | {color:red} 0m 13s {color} | {color:red} Docker failed to build  
yetus/hadoop:0ca8df7. {color} | \ \ \ || Subsystem || Report/Notes || | JIRA Patch URL |  
<https://issues.apache.org/jira/secure/attachment/12787373/HDFS-9780.006.patch> | | JIRA Issue | HDFS-9780 | |  
Console output | <https://builds.apache.org/job/PreCommit-HDFS-Build/14448/console> | | Powered by | Apache Yetus  
0.2.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.

28. Bumping Jenkins

29. Patch looks faithful, no other comments from my end. Nice work Daniel.

30. | (x) \*{color:red}-1 overall{color}\* | \ \ \ || Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} |  
| {color:blue} reexec {color} | {color:blue} 0m 14s {color} | {color:blue} Docker mode activated. {color} | |  
| {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch  
does not contain any @author tags. {color} | | {color:green}+1{color} | {color:green} test4tests {color} |  
| {color:green} 0m 0s {color} | {color:green} The patch appears to include 2 new or modified test files. {color} | |  
| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 1m 10s {color} | {color:blue} Maven  
dependency ordering for branch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} |  
| {color:green} 9m 23s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} {color:green}  
compile {color} | {color:green} 11m 15s {color} | {color:green} trunk passed with JDK v1.8.0\_72 {color} | |  
| {color:green}+1{color} | {color:green} compile {color} | {color:green} 9m 53s {color} | {color:green} trunk passed  
with JDK v1.7.0\_95 {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 25s  
{color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} |  
| {color:green} 2m 44s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} {color:green}  
mvneclipse {color} | {color:green} 0m 40s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} {color:green}  
findbugs {color} | {color:green} 4m 47s {color} | {color:green} trunk passed {color} | |  
| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 3m 0s {color} | {color:green} trunk passed  
with JDK v1.8.0\_72 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 4m 10s  
{color} | {color:green} trunk passed with JDK v1.7.0\_95 {color} | | {color:blue}0{color} | {color:blue} mvndep  
{color} | {color:blue} 0m 19s {color} | {color:blue} Maven dependency ordering for patch {color} | |  
| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 2m 4s {color} | {color:green} the patch  
passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 11m 10s {color} |  
| {color:green} the patch passed with JDK v1.8.0\_72 {color} | | {color:red}-1{color} | {color:red} javac {color} |  
| {color:red} 13m 34s {color} | {color:red} root-jdk1.8.0\_72 with JDK v1.8.0\_72 generated 1 new + 739 unchanged -  
0 fixed = 740 total (was 739) {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 11m  
10s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} |  
| {color:green} 9m 57s {color} | {color:green} the patch passed with JDK v1.7.0\_95 {color} | | {color:red}-1{color} |  
| {color:red} javac {color} | {color:red} 23m 31s {color} | {color:red} root-jdk1.7.0\_95 with JDK v1.7.0\_95  
generated 1 new + 735 unchanged - 0 fixed = 736 total (was 735) {color} | | {color:green}+1{color} | {color:green} {color:green}  
javac {color} | {color:green} 9m 57s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} |  
| {color:green} checkstyle {color} | {color:green} 1m 26s {color} | {color:green} the patch passed {color} | |  
| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 40s {color} | {color:green} the patch  
passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 39s {color} |  
| {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} whitespace {color} | {color:green} {color:green}  
0m 0s {color} | {color:green} Patch has no whitespace issues. {color} | | {color:green}+1{color} | {color:green} {color:green}  
findbugs {color} | {color:green} 5m 19s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} |  
| {color:green} javadoc {color} | {color:green} 3m 2s {color} | {color:green} the patch passed with JDK v1.8.0\_72  
{color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 4m 12s {color} | {color:green} {color:green}  
the patch passed with JDK v1.7.0\_95 {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} {color:green}  
11m 10s {color} | {color:green} hadoop-common in the patch passed with JDK v1.8.0\_72. {color} | |  
| {color:red}-1{color} | {color:red} unit {color} | {color:red} 86m 58s {color} | {color:red} hadoop-hdfs in the patch  
failed with JDK v1.8.0\_72. {color} | | {color:red}-1{color} | {color:red} unit {color} | {color:red} 10m 1s {color} |  
| {color:red} hadoop-common in the patch failed with JDK v1.7.0\_95. {color} | | {color:red}-1{color} | {color:red} {color:red}  
unit {color} | {color:red} 80m 22s {color} | {color:red} hadoop-hdfs in the patch failed with JDK v1.7.0\_95.  
{color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 34s {color} | {color:green} {color:green}  
Patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} |  
| {color:black} 280m 32s {color} | {color:black} {color} | \ \ \ || Reason || Tests || | JDK v1.8.0\_72 Failed junit tests |  
hadoop.hdfs.TestLeaseRecovery2 | | hadoop.hdfs.server.blockmanagement.TestBlockManager | |  
hadoop.hdfs.server.datanode.TestBlockScanner | | hadoop.hdfs.server.datanode.TestDirectoryScanner | |  
hadoop.hdfs.security.TestDelegationTokenForProxyUser | | JDK v1.8.0\_72 Timed out junit tests |  
org.apache.hadoop.cli.TestHDFSCLI | | JDK v1.7.0\_95 Failed junit tests | hadoop.ipc.TestRPC | |  
hadoop.hdfs.server.blockmanagement.TestBlockManagerSafeMode | |  
hadoop.hdfs.TestDFSStripedOutputStreamWithFailure | | hadoop.hdfs.TestDFSUpgradeFromImage | |  
hadoop.hdfs.server.datanode.TestBlockScanner | | hadoop.hdfs.server.datanode.TestDirectoryScanner | |  
hadoop.hdfs.TestEncryptionZones | | hadoop.hdfs.server.namenode.ha.TestHAAppend | \ \ \ || Subsystem ||  
Report/Notes || | Docker | Image:yetus/hadoop:0ca8df7 | | JIRA Patch URL |

<https://issues.apache.org/jira/secure/attachment/12787312/HDFS-9780.005.patch> | JIRA Issue | HDFS-9780 | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | uname | Linux 3ae828528173 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 / c3641ed | Default Java | 1.7.0\_95 | Multi-JDK versions | /usr/lib/jvm/java-8-oracle:1.8.0\_72 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0\_95 | findbugs | v3.0.0 | javac | root-jdk1.8.0\_72: [https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/diff-compile-javac-root-jdk1.8.0\\_72.txt](https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/diff-compile-javac-root-jdk1.8.0_72.txt) | javac | root-jdk1.7.0\_95: [https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/diff-compile-javac-root-jdk1.7.0\\_95.txt](https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/diff-compile-javac-root-jdk1.7.0_95.txt) | unit | [https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/patch-unit-hadoop-hdfs-project\\_hadoop-hdfs-jdk1.8.0\\_72.txt](https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/patch-unit-hadoop-hdfs-project_hadoop-hdfs-jdk1.8.0_72.txt) | unit | [https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/patch-unit-hadoop-common-project\\_hadoop-common-jdk1.7.0\\_95.txt](https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/patch-unit-hadoop-common-project_hadoop-common-jdk1.7.0_95.txt) | unit | [https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/patch-unit-hadoop-hdfs-project\\_hadoop-hdfs-jdk1.7.0\\_95.txt](https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/patch-unit-hadoop-hdfs-project_hadoop-hdfs-jdk1.7.0_95.txt) | unit test logs | [https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/patch-unit-hadoop-hdfs-project\\_hadoop-hdfs-jdk1.8.0\\_72.txt](https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/patch-unit-hadoop-hdfs-project_hadoop-hdfs-jdk1.8.0_72.txt) | [https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/patch-unit-hadoop-common-project\\_hadoop-common-jdk1.7.0\\_95.txt](https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/patch-unit-hadoop-common-project_hadoop-common-jdk1.7.0_95.txt) | [https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/patch-unit-hadoop-hdfs-project\\_hadoop-hdfs-jdk1.7.0\\_95.txt](https://builds.apache.org/job/PreCommit-HDFS-Build/14442/artifact/patchprocess/patch-unit-hadoop-hdfs-project_hadoop-hdfs-jdk1.7.0_95.txt) | JDK v1.7.0\_95 Test Results | <https://builds.apache.org/job/PreCommit-HDFS-Build/14442/testReport/> | modules | C: hadoop-common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs U: . | Max memory used | 76MB | Console output | <https://builds.apache.org/job/PreCommit-HDFS-Build/14442/console> | Powered by | Apache Yetus 0.2.0-SNAPSHOT <http://yetus.apache.org> | This message was automatically generated.

31. **body:** Patch is looking good, and thanks for updating the tests to not use the secure config by default. That said, the check in setup method to run it only for tests without secure in their name seems a little brittle - it is easy to miss and add a secure test without saying Secure. May be we could move them to another class that inherits from the same base?

**label:** test

32. Good suggestion, [~kasha]! New patch posted.

33. (x) \*{color:red}-1 overall{color}\* | \ \ \ \ | Vote | Subsystem | Runtime | Comment | | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 14m 45s {color} | {color:blue} Docker mode activated. {color} | | {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} | | {color:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 3 new or modified test files. {color} | | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 41s {color} | {color:blue} Maven dependency ordering for branch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 6m 33s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 5m 33s {color} | {color:green} trunk passed with JDK v1.8.0\_72 {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 6m 27s {color} | {color:green} trunk passed with JDK v1.7.0\_95 {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 3s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 54s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 28s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 3m 20s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 55s {color} | {color:green} trunk passed with JDK v1.8.0\_72 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 48s {color} | {color:green} trunk passed with JDK v1.7.0\_95 {color} | | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 14s {color} | {color:blue} Maven dependency ordering for patch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 25s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 5m 30s {color} | {color:green} the patch passed with JDK v1.8.0\_72 {color} | | {color:red}-1{color} | {color:red} javac {color} | {color:red} 7m 9s {color} | {color:red} root-jdk1.8.0\_72 with JDK v1.8.0\_72 generated 1 new + 739 unchanged - 0 fixed = 740 total (was 739) {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 5m 30s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 6m 30s {color} | {color:green} the patch passed with JDK v1.7.0\_95 {color} | | {color:red}-1{color} | {color:red} javac {color} | {color:red} 13m 39s {color} | {color:red} root-jdk1.7.0\_95 with JDK v1.7.0\_95 generated 1 new + 735 unchanged - 0 fixed = 736 total (was 735) {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 6m 30s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 2s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 50s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 28s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green} Patch has no whitespace issues. {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 3m 50s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 56s {color} | {color:green} the patch passed with JDK v1.8.0\_72

{color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 50s {color} | {color:green} the patch passed with JDK v1.7.0\_95 {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 6m 40s {color} | {color:green} hadoop-common in the patch passed with JDK v1.8.0\_72. {color} || {color:red}-1{color} | {color:red} unit {color} | {color:red} 52m 56s {color} | {color:red} hadoop-hdfs in the patch failed with JDK v1.8.0\_72. {color} || {color:red}-1{color} | {color:red} unit {color} | {color:red} 6m 32s {color} | {color:red} hadoop-common in the patch failed with JDK v1.7.0\_95. {color} || {color:red}-1{color} | {color:red} unit {color} | {color:red} 50m 35s {color} | {color:red} hadoop-hdfs in the patch failed with JDK v1.7.0\_95. {color} || {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 25s {color} | {color:green} Patch does not generate ASF License warnings. {color} || {color:black}{color} | {color:black} {color} | {color:black} 189m 33s {color} | {color:black} {color} | \\\| Reason \| Tests \| | JDK v1.8.0\_72 Failed junit tests | hadoop.hdfs.TestReconstructStripedFile | | JDK v1.7.0\_95 Failed junit tests | hadoop.metrics2.impl.TestGangliaMetrics | | hadoop.security.ssl.TestReloadingX509TrustManager | | hadoop.hdfs.server.namenode.TestCacheDirectives | \\\| \| Subsystem \| Report/Notes \| | Docker | Image:yetus/hadoop:0ca8df7 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12787393/HDFS-9780.007.patch | | JIRA Issue | HDFS-9780 | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | | uname | Linux 9ae160717aa9 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 / aeb13ef | | Default Java | 1.7.0\_95 | | Multi-JDK versions | /usr/lib/jvm/java-8-oracle:1.8.0\_72 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0\_95 | | findbugs | v3.0.0 | | javac | root-jdk1.8.0\_72: https://builds.apache.org/job/PreCommit-HDFS-Build/14450/artifact/patchprocess/diff-compile-javac-root-jdk1.8.0\_72.txt | | javac | root-jdk1.7.0\_95: https://builds.apache.org/job/PreCommit-HDFS-Build/14450/artifact/patchprocess/diff-compile-javac-root-jdk1.7.0\_95.txt | | unit | https://builds.apache.org/job/PreCommit-HDFS-Build/14450/artifact/patchprocess/patch-unit-hadoop-hdfs-project\_hadoop-hdfs-jdk1.8.0\_72.txt | | unit | https://builds.apache.org/job/PreCommit-HDFS-Build/14450/artifact/patchprocess/patch-unit-hadoop-common-project\_hadoop-common-jdk1.7.0\_95.txt | | unit | https://builds.apache.org/job/PreCommit-HDFS-Build/14450/artifact/patchprocess/patch-unit-hadoop-hdfs-project\_hadoop-hdfs-jdk1.7.0\_95.txt | | unit test logs | https://builds.apache.org/job/PreCommit-HDFS-Build/14450/artifact/patchprocess/patch-unit-hadoop-hdfs-project\_hadoop-hdfs-jdk1.8.0\_72.txt https://builds.apache.org/job/PreCommit-HDFS-Build/14450/artifact/patchprocess/patch-unit-hadoop-common-project\_hadoop-common-jdk1.7.0\_95.txt https://builds.apache.org/job/PreCommit-HDFS-Build/14450/artifact/patchprocess/patch-unit-hadoop-hdfs-project\_hadoop-hdfs-jdk1.7.0\_95.txt | | JDK v1.7.0\_95 Test Results | https://builds.apache.org/job/PreCommit-HDFS-Build/14450/testReport/ | | modules | C: hadoop-common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs U: . | | Max memory used | 76MB | | Console output | https://builds.apache.org/job/PreCommit-HDFS-Build/14450/console | | Powered by | Apache Yetus 0.2.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.

34. (x) \*{color:red}-1 overall{color}\* | \\\| \| Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 10s {color} | {color:blue} Docker mode activated. {color} || {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} || {color:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 3 new or modified test files. {color} || {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 14s {color} | {color:blue} Maven dependency ordering for branch {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 6m 49s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 5m 43s {color} | {color:green} trunk passed with JDK v1.8.0\_72 {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 6m 44s {color} | {color:green} trunk passed with JDK v1.7.0\_95 {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 5s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 56s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 29s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 3m 29s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 1s {color} | {color:green} trunk passed with JDK v1.8.0\_72 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 50s {color} | {color:green} trunk passed with JDK v1.7.0\_95 {color} || {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 15s {color} | {color:blue} Maven dependency ordering for patch {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 28s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 5m 57s {color} | {color:green} the patch passed with JDK v1.8.0\_72 {color} || {color:red}-1{color} | {color:red} javac {color} | {color:red} 7m 40s {color} | {color:red} root-jdk1.8.0\_72 with JDK v1.8.0\_72 generated 1 new + 740 unchanged - 0 fixed = 741 total (was 740) {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 5m 57s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 6m 42s {color} | {color:green} the patch passed with JDK v1.7.0\_95 {color} || {color:red}-1{color} | {color:red} javac {color} | {color:red} 14m 23s {color} | {color:red} root-jdk1.7.0\_95 with JDK v1.7.0\_95 generated 1 new + 735 unchanged - 0 fixed = 736 total (was 735) {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 6m 42s {color} | {color:green} the patch passed {color} || {color:green}+1{color} |

{color:green} checkstyle {color} | {color:green} 1m 4s {color} | {color:green} the patch passed {color} ||  
 {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 51s {color} | {color:green} the patch  
 passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 29s {color} |  
 {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} whitespace {color} | {color:green}  
 0m 0s {color} | {color:green} Patch has no whitespace issues. {color} || {color:green}+1{color} | {color:green}  
 findbugs {color} | {color:green} 3m 53s {color} | {color:green} the patch passed {color} || {color:green}+1{color}  
 | {color:green} javadoc {color} | {color:green} 2m 2s {color} | {color:green} the patch passed with JDK v1.8.0\_72  
 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 51s {color} | {color:green}  
 the patch passed with JDK v1.7.0\_95 {color} || {color:red}-1{color} | {color:red} unit {color} | {color:red} 6m 56s  
 {color} | {color:red} hadoop-common in the patch failed with JDK v1.8.0\_72. {color} || {color:green}+1{color} |  
 {color:green} unit {color} | {color:green} 68m 24s {color} | {color:green} hadoop-hdfs in the patch passed with  
 JDK v1.8.0\_72. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 7m 42s {color} |  
 {color:green} hadoop-common in the patch passed with JDK v1.7.0\_95. {color} || {color:red}-1{color} |  
 {color:red} unit {color} | {color:red} 69m 40s {color} | {color:red} hadoop-hdfs in the patch failed with JDK  
 v1.7.0\_95. {color} || {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 54s {color} |  
 {color:green} Patch does not generate ASF License warnings. {color} || {color:black}{color} | {color:black}  
 {color} | {color:black} 213m 12s {color} | {color:black} {color} | \ \ \ || Reason || Tests || JDK v1.8.0\_72 Failed  
 junit tests | hadoop.fs.shell.TestCopyPreserveFlag || JDK v1.7.0\_95 Failed junit tests | hadoop.hdfs.TestFileAppend |  
 | | hadoop.hdfs.server.namenode.TestFileTruncate | |  
 hadoop.hdfs.server.namenode.snapshot.TestOpenFilesWithSnapshot | \ \ \ || Subsystem || Report/Notes || | Docker |  
 Image:yetus/hadoop:0ca8df7 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12787393/HDFS-  
 9780.007.patch | | JIRA Issue | HDFS-9780 | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite  
 unit findbugs checkstyle | | uname | Linux 155ef3dd4786 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 / aeb13ef | | Default Java |  
 1.7.0\_95 | | Multi-JDK versions | /usr/lib/jvm/java-8-oracle:1.8.0\_72 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0\_95 | |  
 findbugs | v3.0.0 | | javac | root-jdk1.8.0\_72: https://builds.apache.org/job/PreCommit-HDFS-  
 Build/14451/artifact/patchprocess/diff-compile-javac-root-jdk1.8.0\_72.txt | | javac | root-jdk1.7.0\_95:  
 https://builds.apache.org/job/PreCommit-HDFS-Build/14451/artifact/patchprocess/diff-compile-javac-root-  
 jdk1.7.0\_95.txt | | unit | https://builds.apache.org/job/PreCommit-HDFS-Build/14451/artifact/patchprocess/patch-  
 unit-hadoop-common-project\_hadoop-common-jdk1.8.0\_72.txt | | unit | https://builds.apache.org/job/PreCommit-  
 HDFS-Build/14451/artifact/patchprocess/patch-unit-hadoop-hdfs-project\_hadoop-hdfs-jdk1.7.0\_95.txt | | unit test  
 logs | https://builds.apache.org/job/PreCommit-HDFS-Build/14451/artifact/patchprocess/patch-unit-hadoop-  
 common-project\_hadoop-common-jdk1.8.0\_72.txt https://builds.apache.org/job/PreCommit-HDFS-  
 Build/14451/artifact/patchprocess/patch-unit-hadoop-hdfs-project\_hadoop-hdfs-jdk1.7.0\_95.txt | | JDK v1.7.0\_95  
 Test Results | https://builds.apache.org/job/PreCommit-HDFS-Build/14451/testReport/ | | modules | C: hadoop-  
 common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs U: . | | Max memory used | 76MB | | Console  
 output | https://builds.apache.org/job/PreCommit-HDFS-Build/14451/console | | Powered by | Apache Yetus 0.2.0-  
 SNAPSHOT http://yetus.apache.org | This message was automatically generated.

35. **body:** Tiny update to deal with deprecation issue.

**label:** code-design

36. +1 pending Jenkins.

37. +1 will commit once Jenkins says it's okay.

38. | (x) \*{color:red}-1 overall{color}\* | \ \ \ || Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} |  
 {color:blue} reexec {color} | {color:blue} 0m 16s {color} | {color:blue} Docker mode activated. {color} ||  
 {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch  
 does not contain any @author tags. {color} || {color:green}+1{color} | {color:green} test4tests {color} |  
 {color:green} 0m 0s {color} | {color:green} The patch appears to include 3 new or modified test files. {color} ||  
 {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 17s {color} | {color:blue} Maven  
 dependency ordering for branch {color} || {color:green}+1{color} | {color:green} mvninstall {color} |  
 {color:green} 7m 21s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green}  
 compile {color} | {color:green} 6m 41s {color} | {color:green} trunk passed with JDK v1.8.0\_66 {color} ||  
 {color:green}+1{color} | {color:green} compile {color} | {color:green} 7m 18s {color} | {color:green} trunk passed  
 with JDK v1.7.0\_91 {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 8s  
 {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvnsite {color} |  
 {color:green} 2m 6s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green}  
 mvneclipse {color} | {color:green} 0m 28s {color} | {color:green} trunk passed {color} || {color:green}+1{color} |  
 {color:green} findbugs {color} | {color:green} 3m 45s {color} | {color:green} trunk passed {color} ||  
 {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 6s {color} | {color:green} trunk passed  
 with JDK v1.8.0\_66 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 3m 0s  
 {color} | {color:green} trunk passed with JDK v1.7.0\_91 {color} || {color:blue}0{color} | {color:blue} mvndep  
 {color} | {color:blue} 0m 15s {color} | {color:blue} Maven dependency ordering for patch {color} ||  
 {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 32s {color} | {color:green} the patch  
 passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 6m 42s {color} |



```
{color:green} the patch passed with JDK v1.8.0_66 {color} || {color:green}+1{color} | {color:green} javac {color}
| {color:green} 6m 42s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green}
compile {color} | {color:green} 7m 25s {color} | {color:green} the patch passed with JDK v1.7.0_91 {color} ||
{color:green}+1{color} | {color:green} javac {color} | {color:green} 7m 25s {color} | {color:green} the patch
passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 6s {color} |
{color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvnsize {color} | {color:green}
2m 6s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvnecclipse
{color} | {color:green} 0m 29s {color} | {color:green} the patch passed {color} || {color:green}+1{color} |
{color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green} Patch has no whitespace issues.
{color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 17s {color} | {color:green}
the patch passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 8s {color} |
{color:green} the patch passed with JDK v1.8.0_66 {color} || {color:green}+1{color} | {color:green} javadoc
{color} | {color:green} 3m 1s {color} | {color:green} the patch passed with JDK v1.7.0_91 {color} ||
{color:green}+1{color} | {color:green} unit {color} | {color:green} 8m 20s {color} | {color:green} hadoop-
common in the patch passed with JDK v1.8.0_66. {color} || {color:red}-1{color} | {color:red} unit {color} |
{color:red} 59m 19s {color} | {color:red} hadoop-hdfs in the patch failed with JDK v1.8.0_66. {color} ||
{color:green}+1{color} | {color:green} unit {color} | {color:green} 8m 20s {color} | {color:green} hadoop-
common in the patch passed with JDK v1.7.0_91. {color} || {color:green}+1{color} | {color:green} unit {color} |
{color:green} 55m 21s {color} | {color:green} hadoop-hdfs in the patch passed with JDK v1.7.0_91. {color} ||
{color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 26s {color} | {color:green} Patch does
not generate ASF License warnings. {color} || {color:black}{color} | {color:black} {color} | {color:black} 196m
38s {color} | {color:black} {color} | \ \ \ || Reason || Tests || JDK v1.8.0_66 Failed junit tests |
hadoop.hdfs.server.datanode.TestDataNodeMetrics || | hadoop.hdfs.server.datanode.TestBlockScanner || |
hadoop.hdfs.server.namenode.TestFSImageWithSnapshot | \ \ \ || Subsystem || Report/Notes || | Docker |
Image:yetus/hadoop:0ca8df7 || | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12787548/HDFS-
9780.008.patch || | JIRA Issue | HDFS-9780 || | Optional Tests | asflicense compile javac javadoc mvninstall mvnsize
unit findbugs checkstyle || | uname | Linux b764b959f162 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 / 23f937e || | Default Java |
1.7.0_91 || | Multi-JDK versions | /usr/lib/jvm/java-8-oracle:1.8.0_66 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_91 ||
findbugs | v3.0.0 || | unit | https://builds.apache.org/job/PreCommit-HDFS-Build/14461/artifact/patchprocess/patch-
unit-hadoop-hdfs-project_hadoop-hdfs-jdk1.8.0_66.txt || | unit test logs | https://builds.apache.org/job/PreCommit-
HDFS-Build/14461/artifact/patchprocess/patch-unit-hadoop-hdfs-project_hadoop-hdfs-jdk1.8.0_66.txt || | JDK
v1.7.0_91 Test Results | https://builds.apache.org/job/PreCommit-HDFS-Build/14461/testReport/ || | modules | C:
hadoop-common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs U: . || | Max memory used | 76MB ||
Console output | https://builds.apache.org/job/PreCommit-HDFS-Build/14461/console || | Powered by | Apache Yetus
0.2.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.
```

39. The test failure is unrelated. [~rkanter] and [~kasha], wanna pull the trigger? :)
40. Checking this in.
41. FAILURE: Integrated in Hadoop-trunk-Commit #9288 (See [https://builds.apache.org/job/Hadoop-trunk-Commit/9288/]) HDFS-9780. RollingFileSystemSink doesn't work on secure clusters. (kasha: rev 33ce7f6c072144f55be30c66099eef5bc736405e) \* hadoop-hdfs-project/hadoop-hdfs/src/test/java/org/apache/hadoop/metrics2/sink/TestRollingFileSystemSinkWithSecureHdfs.java \* hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/metrics2/sink/RollingFileSystemSinkTestBase.java \* hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/metrics2/sink/RollingFileSystemSink.java \* hadoop-hdfs-project/hadoop-hdfs/src/test/java/org/apache/hadoop/metrics2/sink/TestRollingFileSystemSinkWithHdfs.java \* hadoop-hdfs-project/hadoop-hdfs/CHANGES.txt
42. I am seeing {{TestRollingFileSystemSinkWithHdfs}} fail with Kerberos errors when running on JDK 7. It seems to pass fine on JDK 8. See HDFS-9711 for an example of it failing in pre-commit. Shall we revert this, or would one of the original contributors like to take a look first?
43. The issue is not this patch. You're seeing HADOOP-12090 rearing its head. The message happened to be split across two TCP packets, causing the KDC to reject it. If you look at the stack trace in the HDFS-9711 logs, it's identical to HADOOP-12090: {code} EXCEPTION org.apache.mina.filter.codec.ProtocolDecoderException: java.lang.NullPointerException: message (Hexdump: 00 00 02 43 6C 82 02 3F 30 82 02 3B A1 03 02 01 05 A2 03 02 01 0C A3 82 01 C2 30 82 01 BE 30 82 01 BA A1 03 02 01 01 A2 82 01 B1 04 82 01 AD 6E 82 01 A9 30 82 01 A5 A0 03 02 01 05 A1 03 02 01 0E A2 07 03 05 00 00 00 00 00 00 A3 81 F5 61 81 F2 30 81 EF A0 03 02 01 05 A1 0D 1B 0B 45 58 41 4D 50 4C 45 2E 43 4F 4D A2 20 30 1E A0 03 02 01 02 A1 17 30 15 1B 06 6B 72 62 74 67 74 1B 0B 45 58 41 4D 50 4C 45 2E 43 4F 4D A3 81 B6 30 81 B3 A0 03 02 01 11 A2 81 AB 04 81 A8 CD 9D D5 D9 84 E1 75 0B AE 35 44 84 E6 25 3D 07 9F 15 43 E8 31 D3 8D 2A 45 41 F2 2B B4 4D C4 0F 24 A2 70 F2 53 2A C7 A9 9C 93 54 43 6E C0 5F B4 47 49 7F 49 C1 96 18 4E F1 F6 07 55 A7 B2 2C 6C 6A D1 82 60 A1 04 29 D2 BB 38 6D D9 88 40 7B 85 24 CD B3 37 04 08 34 4D C4 24 EB 45 CE AD 70 6C 3A C2 8E 73 60 6F D4 36 44 D0 01 62 75 73 85 91 98 54 59 05 E8 B4 34 72 00 30 D5 4F 4C 39 4D D9 4C 5E 46 C6 63 DB 6D B0 15 D6 88 0A F0 C5 C8 43 A7 9D 71 69 AF 80 4A 52 DB 8D 0B E0 C0 80 24 28 EF DC F4 71 B5 2F 91 64 A4 81 97 30 81 94 A0

03 02 01 11 A2 81 8C 04 81 89 17 CE ED C3 54 CD A3 A0 81 CE 3C 31 B4 09 2C 29 A2 B4 30 5D 88 28 04 75  
15 CA D7 3C 0C B2 DF 07 84 A4 0D AF 71 EB 55 39 D4 A1 C0 70 99 9A 11 9E DA C3 96 ED C2 6F 3E 32 F8  
55 83 0C F8 3E 8E 05 20 46 49 02 AF 0C 6A 53 58 80 93 F4 14 86 A9 60 2E 00 CD BD 6E 93 23 9D 8B 5C D9  
D8 96 23 56 AB 61 7F 78 29 29 98 86 33 48 A2 11 F7 6F 11 39 CE D4 FB F4 DE 76 88 70 A7 09 8C CA A8 BC  
C6 89 A6 7D 7C FB 50 EA 47 7B 43 7F A4 69 30 67 A0 07 03 05 00 00 00 00 00 A2 0D 1B 0B 45 58 41 4D 50 4C  
45 2E 43 4F 4D A3 1C 30 1A A0 03 02 01 00 A1 13 30 11 1B 04 68 64 66 73 1B 09 6C 6F 63 61 6C 68 6F 73 74  
A5 11 18 0F 31 39 37 30 30 31 30 31 30 30 30 30 30 5A A7 06 02 04 4E 5A 84 B4 A8 14 30 12 02 01 12 02 01  
11 02 01 10 02 01) at  
org.apache.mina.filter.codec.ProtocolCodecFilter.messageReceived(ProtocolCodecFilter.java:234) at  
org.apache.mina.core.filterchain.DefaultIoFilterChain.callNextMessageReceived(DefaultIoFilterChain.java:434) at  
org.apache.mina.core.filterchain.DefaultIoFilterChain.access\$1200(DefaultIoFilterChain.java:48) at  
org.apache.mina.core.filterchain.DefaultIoFilterChain\$EntryImpl\$1.messageReceived(DefaultIoFilterChain.java:802)  
at org.apache.mina.core.filterchain.IoFilterAdapter.messageReceived(IoFilterAdapter.java:120) at  
org.apache.mina.core.filterchain.DefaultIoFilterChain.callNextMessageReceived(DefaultIoFilterChain.java:434) at  
org.apache.mina.core.filterchain.DefaultIoFilterChain.fireMessageReceived(DefaultIoFilterChain.java:426) at  
org.apache.mina.core.polling.AbstractPollingIoProcessor.read(AbstractPollingIoProcessor.java:604) at  
org.apache.mina.core.polling.AbstractPollingIoProcessor.process(AbstractPollingIoProcessor.java:564) at  
org.apache.mina.core.polling.AbstractPollingIoProcessor.process(AbstractPollingIoProcessor.java:553) at  
org.apache.mina.core.polling.AbstractPollingIoProcessor.access\$400(AbstractPollingIoProcessor.java:57) at  
org.apache.mina.core.polling.AbstractPollingIoProcessor\$Processor.run(AbstractPollingIoProcessor.java:892) at  
org.apache.mina.util.NamePreservingRunnable.run(NamePreservingRunnable.java:65) at  
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1145) at  
java.util.concurrent.ThreadPoolExecutor\$Worker.run(ThreadPoolExecutor.java:615) at  
java.lang.Thread.run(Thread.java:745) Caused by: java.lang.NullPointerException: message at  
org.apache.mina.filter.codec.AbstractProtocolDecoderOutput.write(AbstractProtocolDecoderOutput.java:44) at  
org.apache.directory.server.kerberos.protocol.codec.MinaKerberosDecoder.decode(MinaKerberosDecoder.java:65)  
at org.apache.mina.filter.codec.ProtocolCodecFilter.messageReceived(ProtocolCodecFilter.java:224) ... 15 more  
{code}

- 44. [~templdf], thanks for taking a look.
- 45. Hey, [~kasha], this should be closed, right?
- 46. Hey, [~kasha], ping!