HADOOP-17337

cwensel

2020-10-30

Contents

Chapter 1

Root issue HADOOP-17337

1.1 Summary

NetworkBinding has a runtime class dependency on a third-party shaded class

1.2 Description

The hadoop-aws library has a dependency on 'com.amazonaws':aws-java-sdk-bundle' which in turn is a fat jar of all AWS SDK libraries and shaded dependencies.

This dependency is 181MB.

Some applications using the S3AFilesystem may be sensitive to having a large footprint. For example, building an application using Parquet and bundled with Docker.

Typically, in prior Hadoop versions, the bundle was replaced by the specific AWS SDK dependencies, dropping the overall footprint.

In 3.3 (and maybe prior versions) this strategy does not work because of the following exception:

{{java.lang.NoClassDefFoundError: com/amazonaws/thirdparty/apache/http/conn/socket/ConnectionSocketFactory}}
{{ at org.apache.hadoop.fs.s3a.S3AUtils.initProtocolSettings(S3AUtils.java:1335)}}
{{ at org.apache.hadoop.fs.s3a.S3AUtils.initConnectionSettings(S3AUtils.java:1290)}}
{{ at org.apache.hadoop.fs.s3a.S3AUtils.createAwsConf(S3AUtils.java:1247)}}
{{ at org.apache.hadoop.fs.s3a.DefaultS3ClientFactory.createS3Client(DefaultS3ClientFactory.java:61)}}
{{ at org.apache.hadoop.fs.s3a.S3AFileSystem.bindAWSClient(S3AFileSystem.java:644)}}
{{ at org.apache.hadoop.fs.s3a.S3AFileSystem.initialize(S3AFileSystem.java:390)}}
{{ at org.apache.hadoop.fs.FileSystem.createFileSystem(FileSystem.java:3414)}}
{{ at org.apache.hadoop.fs.FileSystem.access$200(FileSystem.java:158)}}

{{ at org.apache.hadoop.fs.FileSystem$Cache.getInternal(FileSystem.java:3474)}}
{{ at org.apache.hadoop.fs.FileSystem$Cache.get(FileSystem.java:3442)}}
{{ at org.apache.hadoop.fs.FileSystem.get(FileSystem.java:524)}}

1.3 Attachments

No attachments

1.4 Comments

1. **weichiu:** [~stevel@apache.org] any ideas?

2. **stevel@apache.org:** I see. HADOOP-16371

3. **stevel@apache.org:** OK.

Looks like HADOOP-16371 is the cause of this...but it is meant to be resilient to CNFEs

```
1
2     * If {@link com.amazonaws.thirdparty.apache.http.conn.ssl
3
4     * .SSLConnectionSocketFactory} cannot be found on the classpath, the value
5
6     * of {@link org.apache.hadoop.fs.s3a.Constants#SSL_CHANNEL_MODE} is ignored.
```

I think we're going to have to conclude that what's being done isn't enough, because of the actual binding logic.

```
1
2  awsConf.getApacheHttpClientConfig().setSslSocketFactory(
3
4          (com.amazonaws.thirdparty.apache.http.conn.ssl.
5
6                  SSLConnectionSocketFactory) factoryConstructor
7
8                  .newInstance(DelegatingSSLSocketFactory
9
10                          .getDefaultFactory(),
11
12                      (HostnameVerifier) null));
```

Looks like bit of reflection is going to be needed here. Any ideas? Any volunteers?

4. **stevel@apache.org:** Checking up on this. I'd like to make this a blocker for 3.3.1, as it is bad news for lightweight docker deployments.

   # [~cwensel] do you know anyone who can work on this

   # what do people think would be the way to do it?

   I'm thinking we'd need a PatchTheSocketFactory interface, try to load an implementation which does this to the shaded one; if that doesn't load fall back to one to patch the unshaded one. That way even unshaded aws-s3 libraries would be able to switch to openssl

Chapter 2

Connected issue HADOOP-14040

2.1 Summary

Use shaded aws-sdk uber-JAR 1.11.86

2.2 Description

AWS SDK now has a (v. large) uberjar shading all dependencies

This ensures that AWS dependency changes (e.g json) don't cause problems downstream in things like HBase, so enabling backporting if desired.

This will let us addess the org.json don't be evil problem: this SDK version doesn't have those files.

2.3 Attachments

1. HADOOP-14040.001.patch

2. HADOOP-14040-branch-2.002.patch

3. HADOOP-14040-branch-2-001.patch

4. HADOOP-14040-HADOOP-13345.001.patch

2.4 Comments

1. **stevel@apache.org:** Jar in question

   https://mvnrepository.com/artifact/com.amazonaws/aws-java-sdk-bundle

2. **stevel@apache.org:** Patch 001. This switches to the new AWS SDK

   Tested: s3 ireland with branch-2. I haven't tried the s3guard branch (yet)

3. **hadoopqa:** | (x) *{color:red}-1 overall{color}* |
   \\
   \\
   || Vote || Subsystem || Runtime || Comment ||
   | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 15s{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:red}-1{color} | {color:red} test4tests {color} | {color:red} 0m 0s{color} | {color:red} The patch doesn't appear to include any new or modified tests. Please justify why no new tests are needed for this patch. Also please list what manual steps were performed to verify this patch. {color} |

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 1m 4s{color} | {color:blue} Maven dependency ordering for branch {color} |

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| {color:green}+1{color} | {color:green} compile {color} | {color:green} 6m 21s{color} | {color:green} branch-2 passed with JDK v1.8.0_121 {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 6m 32s{color} | {color:green} branch-2 passed with JDK v1.7.0_121 {color} |

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| {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 26s{color} | {color:green} branch-2 passed {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 21s{color} | {color:green} branch-2 passed with JDK v1.8.0_121 {color} |

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| {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 1s{color} | {color:green} The patch has no ill-formed XML file. {color} |

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| {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 22s{color} |

{color:green} The patch does not generate ASF License warnings. {color} |
| {color:black}{color} | {color:black} {color} | {color:black} 39m 57s{color} | {color:black} {color} |
\\
\\
	Subsystem		Report/Notes	
Docker	Image:yetus/hadoop:b59b8b7
JIRA Issue	HADOOP-14040
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12850045/HADOOP-14040-branch-2-001.patch
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit xml
uname	Linux 932371088f85 3.13.0-106-generic #153-Ubuntu SMP Tue Dec 6 15:44:32 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh
git revision	branch-2 / ccf33bc
Default Java	1.7.0_121
Multi-JDK versions	/usr/lib/jvm/java-8-oracle:1.8.0_121 /usr/lib/jvm/java-7-openjdk-amd64:1.7.0_121
javac	https://builds.apache.org/job/PreCommit-HADOOP-Build/11539/artifact/patchprocess/diff-compile-javac-root-jdk1.8.0_121.txt
javac	https://builds.apache.org/job/PreCommit-HADOOP-Build/11539/artifact/patchprocess/diff-compile-javac-root-jdk1.7.0_121.txt
JDK v1.7.0_121 Test Results	https://builds.apache.org/job/PreCommit-HADOOP-Build/11539/testReport/
modules	C: hadoop-project hadoop-tools/hadoop-aws U: .
Console output	https://builds.apache.org/job/PreCommit-HADOOP-Build/11539/console
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org

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4. **mackrorysd:** I'd like to +1 this - I think we should note that deprecation warnings and fix them soon but not necessarily before upgrading to this. I tried it on the s3 branch last week in various US regions and had no problems - and I think all else being equal it would be better to upgrade. Some of the DynamoDB APIs S3Guard is using were added relatively recently, and I think it's quite likely there are some issues that have been fixed in more recent SDKs.

5. **stevel@apache.org:** thanks, afraid I still need someone with branch-2 commit rights to get it in. Anyone else willing to vote on it? Or I can cancel my patch, sean can do a clean room reimplementation of it and then I get to vote on that myself?

6. **mackrorysd:** I can at least attach a clean room implementation (at least as clean room as it can be having seen the patch a week ago - it's not like there's a ton of ways to do this that make sense) for trunk and the HADOOP-13345 branches. All tests passed against us-east-2.

7. **mackrorysd:** And this is my trunk patch applied to branch-2 with the conflicts resolved. All S3 tests pass on branch-2 also.

8. **hadoopqa:** | (x) *{color:red}-1 overall{color}* |
\\
\\

	Vote		Subsystem		Runtime		Comment	
{color:blue}0{color}	{color:blue} reexec {color}	{color:blue} 0m 15s{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:red}-1{color}	{color:red} test4tests {color}	{color:red} 0m 0s{color}	{color:red} The patch doesn't appear to include any new or modified tests. Please justify why no new tests are needed for this patch. Also please list what manual steps were performed to verify this patch. {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} 12m 30s{color}	{color:green} HADOOP-13345 passed {color}
{color:green}+1{color}	{color:green} compile {color}	{color:green} 13m 1s{color}	{color:green} HADOOP-13345 passed {color}
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{color:green}+1{color}	{color:green} javadoc {color}	{color:green} 0m 34s{color}	{color:green} HADOOP-13345 passed {color}
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{color:green}+1{color}	{color:green} compile {color}	{color:green} 11m 22s{color}	{color:green} the patch passed {color}
{color:red}-1{color}	{color:red} javac {color}	{color:red} 11m 22s{color}	{color:red} root generated 9 new + 699 unchanged - 1 fixed = 708 total (was 700) {color}
{color:green}+1{color}	{color:green} mvnsite {color}	{color:green} 0m 44s{color}	{color:green} the patch passed {color}
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{color:green}+1{color}	{color:green} whitespace {color}	{color:green} 0m 0s{color}	{color:green} The patch has no whitespace issues. {color}
{color:green}+1{color}	{color:green} xml {color}	{color:green} 0m 3s{color}	{color:green} The patch has no ill-formed XML file. {color}
{color:green}+1{color}	{color:green} javadoc {color}	{color:green} 0m 34s{color}	{color:green} the patch passed {color}
{color:green}+1{color}	{color:green} unit {color}	{color:green} 0m 14s{color}	{color:green} hadoop-project in the patch passed. {color}
{color:green}+1{color}	{color:green} unit {color}	{color:green} 0m 43s{color}	{color:green} hadoop-aws in the patch passed. {color}
{color:green}+1{color}	{color:green} asflicense {color}	{color:green} 0m 31s{color}	{color:green} The patch does not generate ASF License warnings. {color}
{color:black}{color}	{color:black} {color}	{color:black} 49m 23s{color}	{color:black} {color}
\\
\\
	Subsystem		Report/Notes	
Docker	Image:yetus/hadoop:a9ad5d6
JIRA Issue	HADOOP-14040
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12853099/HADOOP-14040-HADOOP-13345.001.patch

Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit xml
uname	Linux 4fa3f1bdbcb7 3.13.0-106-generic #153-Ubuntu SMP Tue Dec 6 15:44:32 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh
git revision	HADOOP-13345 / 94287ce
Default Java	1.8.0_121
javac	https://builds.apache.org/job/PreCommit-HADOOP-Build/11645/artifact/patchprocess/diff-compile-javac-root.txt
Test Results	https://builds.apache.org/job/PreCommit-HADOOP-Build/11645/testReport/
modules	C: hadoop-project hadoop-tools/hadoop-aws U: .
Console output	https://builds.apache.org/job/PreCommit-HADOOP-Build/11645/console
Powered by	Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org

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9. **hadoopqa:** | (x) *{color:red}-1 overall{color}* |
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	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:red}-1{color}	{color:red} test4tests {color}	{color:red} 0m 0s{color}	{color:red} The patch doesn't appear to include any new or modified tests. Please justify why no new tests are needed for this patch. Also please list what manual steps were performed to verify this patch. {color}
{color:blue}0{color}	{color:blue} mvndep {color}	{color:blue} 0m 57s{color}	{color:blue} Maven dependency ordering for branch {color}
{color:green}+1{color}	{color:green} mvninstall {color}	{color:green} 6m 25s{color}	{color:green} branch-2 passed {color}
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{color:green}+1{color}	{color:green} mvneclipse {color}	{color:green} 1m 16s{color}	{color:green} branch-2 passed {color}
{color:green}+1{color}	{color:green} javadoc {color}	{color:green} 0m 22s{color}	{color:green} branch-2 passed with JDK v1.8.0_121 {color}
{color:green}+1{color}	{color:green} javadoc {color}	{color:green} 0m 25s{color}	{color:green} branch-2 passed with JDK v1.7.0_121 {color}
{color:blue}0{color}	{color:blue} mvndep {color}	{color:blue} 0m 18s{color}	{color:blue} Maven dependency ordering for patch {color}
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{color:green} the patch passed with JDK v1.8.0_121 {color} |
| {color:red}-1{color} | {color:red} javac {color} | {color:red} 5m 55s{color} | {color:red}
root-jdk1.8.0_121 with JDK v1.8.0_121 generated 5 new + 911 unchanged - 0 fixed = 916
total (was 911) {color} |
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{color:green} the patch passed with JDK v1.7.0_121 {color} |
| {color:red}-1{color} | {color:red} javac {color} | {color:red} 6m 46s{color} | {color:red}
root-jdk1.7.0_121 with JDK v1.7.0_121 generated 5 new + 1007 unchanged - 0 fixed =
1012 total (was 1007) {color} |
| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 0m 38s{color} |
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The patch has no ill-formed XML file. {color} |
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hadoop-aws in the patch passed with JDK v1.7.0_121. {color} |
| {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 21s{color} |
{color:green} The patch does not generate ASF License warnings. {color} |
| {color:black}{color} | {color:black} {color} | {color:black} 40m 34s{color} | {color:black}
{color} |
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	Subsystem		Report/Notes	
Docker	Image:yetus/hadoop:b59b8b7
JIRA Issue	HADOOP-14040
JIRA Patch URL	https://issues.apache.org/jira/secure/attachment/12853105/HADOOP-
14040-branch-2.002.patch
Optional Tests	asflicense compile javac javadoc mvninstall mvnsite unit xml
uname	Linux 99c20f9d9889 3.13.0-106-generic #153-Ubuntu SMP Tue Dec 6 15:44:32
UTC 2016 x86_64 x86_64 x86_64 GNU/Linux
Build tool	maven
Personality	/testptch/hadoop/patchprocess/precommit/personality/provided.sh
git revision	branch-2 / f07b52d
Default Java	1.7.0_121
Multi-JDK versions	/usr/lib/jvm/java-8-oracle:1.8.0_121 /usr/lib/jvm/java-7-openjdk-
amd64:1.7.0_121
javac	https://builds.apache.org/job/PreCommit-HADOOP-Build/11647/artifact/patchprocess/diff-
compile-javac-root-jdk1.8.0_121.txt
javac	https://builds.apache.org/job/PreCommit-HADOOP-Build/11647/artifact/patchprocess/diff-
compile-javac-root-jdk1.7.0_121.txt
JDK v1.7.0_121 Test Results	https://builds.apache.org/job/PreCommit-HADOOP-Build/11647/testReport/
modules	C: hadoop-project hadoop-tools/hadoop-aws U: .
Console output	https://builds.apache.org/job/PreCommit-HADOOP-Build/11647/console

| Powered by | Apache Yetus 0.5.0-SNAPSHOT http://yetus.apache.org |

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10. **liuml07:** +1

    Will commit shortly.

11. **liuml07:** I have committed this to {{trunk}} and {{branch-2}} branches. Thanks for your contribution [~stevel@apache.org] and [~mackrorysd].

    For S3Guard changes, we should fix in separate subtasks of the feature branch.

12. **hudson:** SUCCESS: Integrated in Jenkins build Hadoop-trunk-Commit #11271 (See [https://builds.apache.org/job/trunk-Commit/11271/])
    HADOOP-14040. Use shaded aws-sdk uber-JAR 1.11.86. Contributed by Steve (liuml07:
    rev 658702efffdf52cf5ddf8e92f959f1157c95a348)
    * (edit) hadoop-project/pom.xml
    * (edit) hadoop-tools/hadoop-aws/pom.xml

13. **stevel@apache.org:** thanks for this; it'll help reduce pain downstream.

14. **yzhangal:** HI [~liuml07] [~stevel@apache.org],

    Thanks for the work here. This patch changed

    hadoop-project/pom.xml

    hadoop-tools/hadoop-aws/pom.xml

    but not

    hadoop-hdfs-project/hadoop-hdfs-httpfs/pom.xml

    Wonder if it's because a similar change is not needed in hadoop-hdfs-project/hadoop-hdfs-httpfs/pom.xml, or it's a miss?

    Thanks.

15. **liuml07:** [~yzhangal] I do not think we ignored that on purpose. The 'aws-java-sdk-s3' is in the httpfs module because httpfs explicitly excludes this S3 library. I think we need to update it there as well. Thanks!

16. **yzhangal:** Thanks a lot [~liuml07]!

17. **liuml07:** [~yzhangal] Have you filed a new JIRA for tracking that? I think this JIRA is released so we need a new JIRA to fix that...I can file one if you suggest, Thanks

18. **liuml07:** [~yzhangal] I filed [HDFS-15499] Thanks

19. **yzhangal:** Many thanks [~liuml07]!

Chapter 3

Connected issue IMPALA-10073

3.1 Summary

Create shaded dependency for S3A and aws-java-sdk-bundle

3.2 Description

One of the largest dependencies in Impala Docker containers is the aws-java-sdk-bundle jar. One way to decrease the size of this dependency is to apply a similar technique used for the hive-exec shaded jar: [https://github.com/apache/impala/blob/master/shaded-deps/pom.xml]

The aws-java-sdk-bundle contains SDKs for all AWS services, even though Impala-S3A only requires a few of the more basic SDKs.

IMPALA-10028 and HADOOP-17197 both discuss this a bit as well.

3.3 Attachments

No attachments

3.4 Comments

1. **jira-bot:** Commit 5daff3472440dc6174f0f31a28bbdafee4f68716 in impala's branch refs/-heads/master from Sahil Takiar
   [https://gitbox.apache.org/repos/asf?p=impala.git;h=5daff34]

   IMPALA-10073: Create shaded dependency for S3A and aws-java-sdk-bundle

   The aws-java-sdk-bundle is one of the largest dependencies in the Impala
   Docker images and continues to grow. The jar includes SDKs for
   every single AWS service.

   This patch removes most of the unnecessary SDKs from the
   aws-java-sdk-bundle, thus drastically decreasing the size of the
   dependency. The Maven shade plugin is used to do this, and the
   implementation is similar to what is currently done for the hive-exec
   jar.

This patch takes a conservative approach to removing packages from the aws-java-sdk-bundle jar, and I ensured no direct dependencies of the S3 SDK were removed. The idea is to only remove dependencies that S3A would never conceivably need. Given the huge number of AWS services, I only focused on removing the largest SDKs (the size of each SDK is estimated by the number of classes in the SDK).

This decreases the size of the Docker images by about 100 MB.

Testing:
* Ran core tests against S3

Change-Id: I0939f73be986f83cc1fd07921563b4d9201780f2
Reviewed-on: http://gerrit.cloudera.org:8080/16342
Reviewed-by: Impala Public Jenkins <impala-public-jenkins@cloudera.com>
Tested-by: Impala Public Jenkins <impala-public-jenkins@cloudera.com>

2. **stevel@apache.org:** Which bits of the AWS SDK have you cut?

3. **stakiar:** [https://github.com/apache/impala/blob/master/shaded-deps/s3a-aws-sdk/pom.xml#L58]contains the full list

Chapter 4

Connected issue HADOOP-16371

4.1 Summary

Option to disable GCM for SSL connections when running on Java 8

4.2 Description

This was the original objective of HADOOP-16050. HADOOP-16050 was changed to mimic HADOOP-15669 and added (or attempted to add) support for Wildfly-OpenSSL in S3A.

Due to the number of issues have seen with S3A + WildFly OpenSSL (see HADOOP-16346), HADOOP-16050 was reverted.

As shown in the description of HADOOP-16050, and the analysis done in HADOOP-15669, GCM has major performance issues when running on Java 8. Removing it from the list of available ciphers can drastically improve performance, perhaps not as much as using OpenSSL, but still a considerable amount.

4.3 Attachments

No attachments

4.4 Comments

1. **stakiar:** I'm thinking we can use most of the changes fromHADOOP-16050, butdo some refactoring so that Wildfly-OpenSSL is an option for ABFS, but not S3A. I think it should be okay to disable GCM by default, but there should be an option to add it back in (e.g. the S3A default is {{DEFAULT_JSSE_NO_GCM}}and the option {{DEFAULT_JSSE}} is just vanilla JSSE with all the default ciphers enabled).

2. **hadoopqa:** | (/) *{color:green}+1 overall{color}* |

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   \\

   || Vote || Subsystem || Runtime || Comment ||

| {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 1m 32s{color} | {color:blue} Docker mode activated. {color} |

|| || || || {color:brown} Prechecks {color} ||

| {color:green}+1{color} | {color:green} dupname {color} | {color:green} 0m 1s{color} | {color:green} No case conflicting files found. {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 4 new or modified test files. {color} |

|| || || || {color:brown} trunk Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 30s{color} | {color:blue} Maven dependency ordering for branch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 18m 59s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 16m 31s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 24s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 42s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 17m 42s{color} | {color:green} branch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 4s{color} | {color:green} trunk passed {color} |

| {color:blue}0{color} | {color:blue} spotbugs {color} | {color:blue} 0m 58s{color} | {color:blue} Used deprecated FindBugs config; considering switching to SpotBugs. {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 3m 57s{color} | {color:green} trunk passed {color} |

|| || || || {color:brown} Patch Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 20s{color} | {color:blue} Maven dependency ordering for patch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 43s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 18m 7s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} javac {color} | {color:green} 18m 7s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 30s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 48s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s{color} | {color:green} The patch has no whitespace issues. {color} |

| {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 4s{color} | {color:green} The patch has no ill-formed XML file. {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 11m 54s{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 2s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 20s{color} | {color:green} the patch passed {color} |

|| || || || {color:brown} Other Tests {color} ||

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 9m 9s{color} | {color:green} hadoop-common in the patch passed. {color} |

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 4m 58s{color} | {color:green} hadoop-aws in the patch passed. {color} |

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 26s{color} | {color:green} hadoop-azure in the patch passed. {color} |

| {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 50s{color} | {color:green} The patch does not generate ASF License warnings. {color} |

| {color:black}{color} | {color:black} {color} | {color:black}126m 12s{color} | {color:black} {color} |

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|| Subsystem || Report/Notes ||

| Docker | Client=18.09.5 Server=18.09.5 base: https://builds.apache.org/job/hadoop-multibranch/job/PR-970/1/artifact/out/Dockerfile |

| GITHUB PR | https://github.com/apache/hadoop/pull/970 |

| JIRA Issue | HADOOP-16371 |

| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient xml findbugs checkstyle |

| uname | Linux bc86dcd2f684 4.15.0-48-generic #51-Ubuntu SMP Wed Apr 3 08:28:49 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux |

| Build tool | maven |

| Personality | personality/hadoop.sh |

| git revision | trunk / ae4143a |

| Default Java | 1.8.0_212 |

| Test Results | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/1/testReport/ |

| Max. process+thread count | 1347 (vs. ulimit of 5500) |

| modules | C: hadoop-common-project/hadoop-common hadoop-tools/hadoop-aws hadoop-tools/hadoop-azure U: . |

| Console output | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/1/console |

| versions | git=2.7.4 maven=3.3.9 findbugs=3.1.0-RC1 |

| Powered by | Apache Yetus 0.10.0 http://yetus.apache.org |

This message was automatically generated.

3. **stakiar:** [~stevel@apache.org] PR is ready for review:[https://github.com/apache/hadoop/pull/970]let me know what you think

4. **hadoopqa:** | (x) *{color:red}-1 overall{color}* |

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|| Vote || Subsystem || Runtime || Comment ||

| {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 1m 54s{color} | {color:blue} Docker mode activated. {color} |

|| || || || {color:brown} Prechecks {color} ||

18

| {color:green}+1{color} | {color:green} dupname {color} | {color:green} 0m 0s{color} | {color:green} No case conflicting files found. {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 4 new or modified test files. {color} |

|| || || || {color:brown} trunk Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 26s{color} | {color:blue} Maven dependency ordering for branch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 22m 38s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 20m 26s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 37s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 3m 3s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 18m 33s{color} | {color:green} branch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 10s{color} | {color:green} trunk passed {color} |

| {color:blue}0{color} | {color:blue} spotbugs {color} | {color:blue} 1m 1s{color} | {color:blue} Used deprecated FindBugs config; considering switching to SpotBugs. {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 10s{color} | {color:green} trunk passed {color} |

|| || || || {color:brown} Patch Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 23s{color} | {color:blue} Maven dependency ordering for patch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 48s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 16m 55s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} javac {color} | {color:green} 16m 55s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 19s{color} | {color:green} the patch passed {color} |

19

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 42s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s{color} | {color:green} The patch has no whitespace issues. {color} |

| {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 4s{color} | {color:green} The patch has no ill-formed XML file. {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 12m 11s{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 8s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 30s{color} | {color:green} the patch passed {color} |

|| || || || {color:brown} Other Tests {color} ||

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 9m 36s{color} | {color:green} hadoop-common in the patch passed. {color} |

| {color:red}-1{color} | {color:red} unit {color} | {color:red} 0m 35s{color} | {color:red} hadoop-aws in the patch failed. {color} |

| {color:red}-1{color} | {color:red} unit {color} | {color:red} 0m 33s{color} | {color:red} hadoop-azure in the patch failed. {color} |

| {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 46s{color} | {color:green} The patch does not generate ASF License warnings. {color} |

| {color:black}{color} | {color:black} {color} | {color:black}129m 41s{color} | {color:black} {color} |

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|| Subsystem || Report/Notes ||

| Docker | Client=18.09.8 Server=18.09.8 base: https://builds.apache.org/job/hadoop-multibranch/job/PR-970/2/artifact/out/Dockerfile |

| GITHUB PR | https://github.com/apache/hadoop/pull/970 |

| JIRA Issue | HADOOP-16371 |

| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient xml findbugs checkstyle |

| uname | Linux ef01615eb0e8 4.15.0-48-generic #51-Ubuntu SMP Wed Apr 3 08:28:49 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux |

20

| Build tool | maven |

| Personality | personality/hadoop.sh |

| git revision | trunk / 4e66cb9 |

| Default Java | 1.8.0_212 |

| unit | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/2/artifact/out/patch-unit-hadoop-tools_hadoop-aws.txt |

| unit | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/2/artifact/out/patch-unit-hadoop-tools_hadoop-azure.txt |

| Test Results | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/2/testReport/ |

| Max. process+thread count | 1347 (vs. ulimit of 5500) |

| modules | C: hadoop-common-project/hadoop-common hadoop-tools/hadoop-aws hadoop-tools/hadoop-azure U: . |

| Console output | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/2/console |

| versions | git=2.7.4 maven=3.3.9 findbugs=3.1.0-RC1 |

| Powered by | Apache Yetus 0.10.0 http://yetus.apache.org |

This message was automatically generated.

5. **hadoopqa:** | (x) *{color:red}-1 overall{color}* |

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    || Vote || Subsystem || Runtime || Comment ||

    | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 1m 6s{color} | {color:blue} Docker mode activated. {color} |

    || || || || {color:brown} Prechecks {color} ||

    | {color:green}+1{color} | {color:green} dupname {color} | {color:green} 0m 1s{color} |

21

{color:green} No case conflicting files found. {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 4 new or modified test files. {color} |

|| || || || {color:brown} trunk Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 25s{color} | {color:blue}
Maven dependency ordering for branch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 17m 40s{color} |
{color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 18m 22s{color} |
{color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 11s{color}
| {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 37s{color} |
{color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 16m 28s{color}
| {color:green} branch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 52s{color} |
{color:green} trunk passed {color} |

| {color:blue}0{color} | {color:blue} spotbugs {color} | {color:blue} 0m 56s{color} | {color:blue}
Used deprecated FindBugs config; considering switching to SpotBugs. {color} |

| {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 1m 5s{color} | {color:red}
hadoop-tools/hadoop-aws in trunk has 1 extant findbugs warnings. {color} |

|| || || || {color:brown} Patch Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 27s{color} | {color:blue}
Maven dependency ordering for patch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 48s{color}
| {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 20m 35s{color} |
{color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} javac {color} | {color:green} 20m 35s{color} | {color:green}
the patch passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 21s{color}
| {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 44s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s{color} | {color:green} The patch has no whitespace issues. {color} |

| {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 5s{color} | {color:green} The patch has no ill-formed XML file. {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 10m 56s{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 1s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 26s{color} | {color:green} the patch passed {color} |

|| || || || {color:brown} Other Tests {color} ||

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 9m 11s{color} | {color:green} hadoop-common in the patch passed. {color} |

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 4m 50s{color} | {color:green} hadoop-aws in the patch passed. {color} |

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 22s{color} | {color:green} hadoop-azure in the patch passed. {color} |

| {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 51s{color} | {color:green} The patch does not generate ASF License warnings. {color} |

| {color:black}{color} | {color:black} {color} | {color:black}126m 3s{color} | {color:black} {color} |

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|| Subsystem || Report/Notes ||

| Docker | Client=19.03.1 Server=19.03.1 base: https://builds.apache.org/job/hadoop-multibranch/job/PR-970/3/artifact/out/Dockerfile |

| GITHUB PR | https://github.com/apache/hadoop/pull/970 |

| JIRA Issue | HADOOP-16371 |

| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient xml findbugs checkstyle |

| uname | Linux 5dcb5d26befd 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 | personality/hadoop.sh |

| git revision | trunk / c0a0c35 |

| Default Java | 1.8.0_212 |

| findbugs | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/3/artifact/out/branch-findbugs-hadoop-tools_hadoop-aws-warnings.html |

| Test Results | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/3/testReport/ |

| Max. process+thread count | 1411 (vs. ulimit of 5500) |

| modules | C: hadoop-common-project/hadoop-common hadoop-tools/hadoop-aws hadoop-tools/hadoop-azure U: . |

| Console output | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/3/console |

| versions | git=2.7.4 maven=3.3.9 findbugs=3.1.0-RC1 |

| Powered by | Apache Yetus 0.10.0 http://yetus.apache.org |

This message was automatically generated.

6. **hadoopqa:** | (x) *{color:red}-1 overall{color}* |

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|| Vote || Subsystem || Runtime || Comment ||

| {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 1m 29s{color} | {color:blue} Docker mode activated. {color} |

|| || || || {color:brown} Prechecks {color} ||

| {color:green}+1{color} | {color:green} dupname {color} | {color:green} 0m 0s{color} | {color:green} No case conflicting files found. {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 4 new or modified test files. {color} |

|| || || || {color:brown} trunk Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 1m 4s{color} | {color:blue} Maven dependency ordering for branch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 22m 7s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 22m 0s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 42s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 3m 8s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 19m 48s{color} | {color:green} branch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 8s{color} | {color:green} trunk passed {color} |

| {color:blue}0{color} | {color:blue} spotbugs {color} | {color:blue} 1m 3s{color} | {color:blue} Used deprecated FindBugs config; considering switching to SpotBugs. {color} |

| {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 1m 9s{color} | {color:red} hadoop-tools/hadoop-aws in trunk has 1 extant findbugs warnings. {color} |

|| || || || {color:brown} Patch Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 25s{color} | {color:blue} Maven dependency ordering for patch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 2m 5s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 17m 33s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} javac {color} | {color:green} 17m 33s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 38s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 53s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 1s{color}

| {color:green} The patch has no whitespace issues. {color} |

| {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 4s{color} | {color:green} The patch has no ill-formed XML file. {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 12m 33s{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 11s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 47s{color} | {color:green} the patch passed {color} |

|| || || || {color:brown} Other Tests {color} ||

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 9m 18s{color} | {color:green} hadoop-common in the patch passed. {color} |

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 4m 59s{color} | {color:green} hadoop-aws in the patch passed. {color} |

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 28s{color} | {color:green} hadoop-azure in the patch passed. {color} |

| {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 48s{color} | {color:green} The patch does not generate ASF License warnings. {color} |

| {color:black}{color} | {color:black} {color} | {color:black}139m 33s{color} | {color:black} {color} |

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|| Subsystem || Report/Notes ||

| Docker | Client=19.03.1 Server=19.03.1 base: https://builds.apache.org/job/hadoop-multibranch/job/PR-970/4/artifact/out/Dockerfile |

| GITHUB PR | https://github.com/apache/hadoop/pull/970 |

| JIRA Issue | HADOOP-16371 |

| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient xml findbugs checkstyle |

| uname | Linux aac944343d4d 4.15.0-52-generic #56-Ubuntu SMP Tue Jun 4 22:49:08 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux |

| Build tool | maven |

| Personality | personality/hadoop.sh |

| git revision | trunk / 17e8cf5 |

| Default Java | 1.8.0_222 |

| findbugs | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/4/artifact/out/branch-findbugs-hadoop-tools_hadoop-aws-warnings.html |

| Test Results | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/4/testReport/ |

| Max. process+thread count | 1572 (vs. ulimit of 5500) |

| modules | C: hadoop-common-project/hadoop-common hadoop-tools/hadoop-aws hadoop-tools/hadoop-azure U: . |

| Console output | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/4/console |

| versions | git=2.7.4 maven=3.3.9 findbugs=3.1.0-RC1 |

| Powered by | Apache Yetus 0.10.0 http://yetus.apache.org |

This message was automatically generated.

7. **hadoopqa:** | (/) *{color:green}+1 overall{color}* |

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|| Vote || Subsystem || Runtime || Comment ||

| {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 1m 15s{color} | {color:blue} Docker mode activated. {color} |

|| || || || {color:brown} Prechecks {color} ||

| {color:green}+1{color} | {color:green} dupname {color} | {color:green} 0m 0s{color} | {color:green} No case conflicting files found. {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 4 new or modified test files. {color} |

|| || || || {color:brown} trunk Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 24s{color} | {color:blue} Maven dependency ordering for branch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 20m 34s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 18m 4s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 35s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 45s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 19m 16s{color} | {color:green} branch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 18s{color} | {color:green} trunk passed {color} |

| {color:blue}0{color} | {color:blue} spotbugs {color} | {color:blue} 1m 2s{color} | {color:blue} Used deprecated FindBugs config; considering switching to SpotBugs. {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 30s{color} | {color:green} trunk passed {color} |

|| || || || {color:brown} Patch Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 26s{color} | {color:blue} Maven dependency ordering for patch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 51s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 17m 19s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} javac {color} | {color:green} 17m 19s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 31s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 37s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s{color} | {color:green} The patch has no whitespace issues. {color} |

| {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 4s{color} | {color:green} The patch has no ill-formed XML file. {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 12m 39s{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 6s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 44s{color} | {color:green} the patch passed {color} |

|| || || || {color:brown} Other Tests {color} ||

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 9m 45s{color} | {color:green} hadoop-common in the patch passed. {color} |

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 4m 50s{color} | {color:green} hadoop-aws in the patch passed. {color} |

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 29s{color} | {color:green} hadoop-azure in the patch passed. {color} |

| {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 46s{color} | {color:green} The patch does not generate ASF License warnings. {color} |

| {color:black}{color} | {color:black} {color} | {color:black}132m 6s{color} | {color:black} {color} |

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|| Subsystem || Report/Notes ||

| Docker | Client=19.03.0 Server=19.03.0 base: https://builds.apache.org/job/hadoop-multibranch/job/PR-970/5/artifact/out/Dockerfile |

| GITHUB PR | https://github.com/apache/hadoop/pull/970 |

| JIRA Issue | HADOOP-16371 |

| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient xml findbugs checkstyle |

| uname | Linux f34904fd3b01 4.15.0-52-generic #56-Ubuntu SMP Tue Jun 4 22:49:08 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux |

| Build tool | maven |

| Personality | personality/hadoop.sh |

| git revision | trunk / 70b4617 |

| Default Java | 1.8.0_212 |

| Test Results | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/5/testReport/ |

| Max. process+thread count | 1503 (vs. ulimit of 5500) |

| modules | C: hadoop-common-project/hadoop-common hadoop-tools/hadoop-aws hadoop-tools/hadoop-azure U: . |

| Console output | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/5/console |

| versions | git=2.7.4 maven=3.3.9 findbugs=3.1.0-RC1 |

| Powered by | Apache Yetus 0.10.0 http://yetus.apache.org |

This message was automatically generated.

8. **hadoopqa:** | (/) *{color:green}+1 overall{color}* |

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|| Vote || Subsystem || Runtime || Comment ||

| {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 1m 29s{color} | {color:blue} Docker mode activated. {color} |

|| || || || {color:brown} Prechecks {color} ||

| {color:green}+1{color} | {color:green} dupname {color} | {color:green} 0m 1s{color} | {color:green} No case conflicting files found. {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 4 new or modified test files. {color} |

|| || || || {color:brown} trunk Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 23s{color} | {color:blue} Maven dependency ordering for branch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 19m 54s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 20m 19s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 32s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 3m 6s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 18m 38s{color} | {color:green} branch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 9s{color} | {color:green} trunk passed {color} |

| {color:blue}0{color} | {color:blue} spotbugs {color} | {color:blue} 1m 10s{color} | {color:blue} Used deprecated FindBugs config; considering switching to SpotBugs. {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 36s{color} | {color:green} trunk passed {color} |

|| || || || {color:brown} Patch Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 26s{color} | {color:blue} Maven dependency ordering for patch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 2m 5s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 18m 33s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} javac {color} | {color:green} 18m 33s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 41s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 39s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s{color} | {color:green} The patch has no whitespace issues. {color} |

| {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 4s{color} | {color:green} The patch has no ill-formed XML file. {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 13m 32s{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 19s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 51s{color} |
{color:green} the patch passed {color} |

|| || || || {color:brown} Other Tests {color} ||

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 9m 31s{color} | {color:green}
hadoop-common in the patch passed. {color} |

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 4m 49s{color} | {color:green}
hadoop-aws in the patch passed. {color} |

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 28s{color} | {color:green}
hadoop-azure in the patch passed. {color} |

| {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 45s{color} |
{color:green} The patch does not generate ASF License warnings. {color} |

| {color:black}{color} | {color:black} {color} | {color:black}135m 54s{color} | {color:black}
{color} |

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|| Subsystem || Report/Notes ||

| Docker | Client=19.03.0 Server=19.03.0 base: https://builds.apache.org/job/hadoop-multibranch/job/PR-970/6/artifact/out/Dockerfile |

| GITHUB PR | https://github.com/apache/hadoop/pull/970 |

| JIRA Issue | HADOOP-16371 |

| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient xml findbugs checkstyle |

| uname | Linux f23d5ce26b1f 4.15.0-52-generic #56-Ubuntu SMP Tue Jun 4 22:49:08 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux |

| Build tool | maven |

| Personality | personality/hadoop.sh |

| git revision | trunk / 397a563 |

| Default Java | 1.8.0_212 |

| Test Results | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/6/testReport/ |

| Max. process+thread count | 1761 (vs. ulimit of 5500) |

| modules | C: hadoop-common-project/hadoop-common hadoop-tools/hadoop-aws hadoop-tools/hadoop-azure U: . |

| Console output | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/6/console |

| versions | git=2.7.4 maven=3.3.9 findbugs=3.1.0-RC1 |

| Powered by | Apache Yetus 0.10.0 http://yetus.apache.org |

This message was automatically generated.

9. **hadoopqa:** | (x) *{color:red}-1 overall{color}* |

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|| Vote || Subsystem || Runtime || Comment ||

| {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 44s{color} | {color:blue} Docker mode activated. {color} |

|| || || || {color:brown} Prechecks {color} ||

| {color:green}+1{color} | {color:green} dupname {color} | {color:green} 0m 0s{color} | {color:green} No case conflicting files found. {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 4 new or modified test files. {color} |

|| || || || {color:brown} trunk Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 21s{color} | {color:blue} Maven dependency ordering for branch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 17m 35s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 18m 4s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 15s{color} | {color:green} trunk passed {color} |

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| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 16s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 15m 49s{color} | {color:green} branch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 48s{color} | {color:green} trunk passed {color} |

| {color:blue}0{color} | {color:blue} spotbugs {color} | {color:blue} 0m 54s{color} | {color:blue} Used deprecated FindBugs config; considering switching to SpotBugs. {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 3m 36s{color} | {color:green} trunk passed {color} |

|| || || || {color:brown} Patch Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 21s{color} | {color:blue} Maven dependency ordering for patch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 41s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 16m 17s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} javac {color} | {color:green} 16m 17s{color} | {color:green} the patch passed {color} |

| {color:orange}-0{color} | {color:orange} checkstyle {color} | {color:orange} 2m 19s{color} | {color:orange} root: The patch generated 1 new + 14 unchanged - 0 fixed = 15 total (was 14) {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 31s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s{color} | {color:green} The patch has no whitespace issues. {color} |

| {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 4s{color} | {color:green} The patch has no ill-formed XML file. {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 10m 38s{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} |

| {color:red}-1{color} | {color:red} javadoc {color} | {color:red} 0m 28s{color} | {color:red} hadoop-aws in the patch failed. {color} |

| {color:red}-1{color} | {color:red} javadoc {color} | {color:red} 0m 24s{color} | {color:red} hadoop-azure in the patch failed. {color} |

| {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 23s{color} | {color:red} hadoop-aws in the patch failed. {color} |

| {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 22s{color} | {color:red} hadoop-azure in the patch failed. {color} |

|| || || || {color:brown} Other Tests {color} ||

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 8m 30s{color} | {color:green} hadoop-common in the patch passed. {color} |

| {color:red}-1{color} | {color:red} unit {color} | {color:red} 0m 24s{color} | {color:red} hadoop-aws in the patch failed. {color} |

| {color:red}-1{color} | {color:red} unit {color} | {color:red} 0m 23s{color} | {color:red} hadoop-azure in the patch failed. {color} |

| {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 37s{color} | {color:green} The patch does not generate ASF License warnings. {color} |

| {color:black}{color} | {color:black} {color} | {color:black}110m 9s{color} | {color:black} {color} |

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|| Subsystem || Report/Notes ||

| Docker | Client=19.03.1 Server=19.03.1 base: https://builds.apache.org/job/hadoop-multibranch/job/PR-970/7/artifact/out/Dockerfile |

| GITHUB PR | https://github.com/apache/hadoop/pull/970 |

| JIRA Issue | HADOOP-16371 |

| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient xml findbugs checkstyle |

| uname | Linux 368b8c6531d7 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 | personality/hadoop.sh |

| git revision | trunk / e356e4f |

| Default Java | 1.8.0_222 |

| checkstyle | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/7/artifact/out/diff-checkstyle-root.txt |

| javadoc | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/7/artifact/out/patch-javadoc-hadoop-tools_hadoop-aws.txt |

| javadoc | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/7/artifact/out/patch-

javadoc-hadoop-tools_hadoop-azure.txt |

| findbugs | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/7/artifact/out/patch-findbugs-hadoop-tools_hadoop-aws.txt |

| findbugs | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/7/artifact/out/patch-findbugs-hadoop-tools_hadoop-azure.txt |

| unit | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/7/artifact/out/patch-unit-hadoop-tools_hadoop-aws.txt |

| unit | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/7/artifact/out/patch-unit-hadoop-tools_hadoop-azure.txt |

| Test Results | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/7/testReport/ |

| Max. process+thread count | 1462 (vs. ulimit of 5500) |

| modules | C: hadoop-common-project/hadoop-common hadoop-tools/hadoop-aws hadoop-tools/hadoop-azure U: . |

| Console output | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/7/console |

| versions | git=2.7.4 maven=3.3.9 findbugs=3.1.0-RC1 |

| Powered by | Apache Yetus 0.10.0 http://yetus.apache.org |

This message was automatically generated.

10. **hadoopqa:** | (x) *{color:red}-1 overall{color}* |

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|| Vote || Subsystem || Runtime || Comment ||

| {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 43s{color} | {color:blue} Docker mode activated. {color} |

|| || || || {color:brown} Prechecks {color} ||

| {color:green}+1{color} | {color:green} dupname {color} | {color:green} 0m 1s{color} | {color:green} No case conflicting files found. {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 4 new or modified test files. {color} |

|| || || || {color:brown} trunk Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 23s{color} | {color:blue} Maven dependency ordering for branch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 17m 24s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 18m 36s{color} | {color:green} trunk passed {color} |

| {color:orange}-0{color} | {color:orange} checkstyle {color} | {color:orange} 1m 13s{color} | {color:orange} The patch fails to run checkstyle in root {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 28s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 14m 21s{color} | {color:green} branch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 51s{color} | {color:green} trunk passed {color} |

| {color:blue}0{color} | {color:blue} spotbugs {color} | {color:blue} 0m 58s{color} | {color:blue} Used deprecated FindBugs config; considering switching to SpotBugs. {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 3m 37s{color} | {color:green} trunk passed {color} |

|| || || || {color:brown} Patch Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 23s{color} | {color:blue} Maven dependency ordering for patch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 50s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 17m 49s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} javac {color} | {color:green} 17m 49s{color} | {color:green} the patch passed {color} |

| {color:orange}-0{color} | {color:orange} checkstyle {color} | {color:orange} 2m 9s{color} | {color:orange} root: The patch generated 14 new + 0 unchanged - 0 fixed = 14 total (was 0) {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 14s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s{color} | {color:green} The patch has no whitespace issues. {color} |

| {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 4s{color} | {color:green} The patch has no ill-formed XML file. {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 10m 36s{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} |

| {color:red}-1{color} | {color:red} javadoc {color} | {color:red} 0m 29s{color} | {color:red} hadoop-aws in the patch failed. {color} |

| {color:red}-1{color} | {color:red} javadoc {color} | {color:red} 0m 26s{color} | {color:red} hadoop-azure in the patch failed. {color} |

| {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 25s{color} | {color:red} hadoop-aws in the patch failed. {color} |

| {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 24s{color} | {color:red} hadoop-azure in the patch failed. {color} |

|| || || || {color:brown} Other Tests {color} ||

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 9m 9s{color} | {color:green} hadoop-common in the patch passed. {color} |

| {color:red}-1{color} | {color:red} unit {color} | {color:red} 0m 25s{color} | {color:red} hadoop-aws in the patch failed. {color} |

| {color:red}-1{color} | {color:red} unit {color} | {color:red} 0m 27s{color} | {color:red} hadoop-azure in the patch failed. {color} |

| {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 42s{color} | {color:green} The patch does not generate ASF License warnings. {color} |

| {color:black}{color} | {color:black} {color} | {color:black}111m 42s{color} | {color:black} {color} |

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|| Subsystem || Report/Notes ||

| Docker | Client=19.03.1 Server=19.03.1 base: https://builds.apache.org/job/hadoop-multibranch/job/PR-970/8/artifact/out/Dockerfile |

| GITHUB PR | https://github.com/apache/hadoop/pull/970 |

| JIRA Issue | HADOOP-16371 |

| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient xml findbugs checkstyle |

| uname | Linux e9f6e1e4f99c 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 | personality/hadoop.sh |

| git revision | trunk / 094d736 |

| Default Java | 1.8.0_222 |

| checkstyle | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/8/artifact/out//home/jenkins/jenkins-slave/workspace/hadoop-multibranch_PR-970/out/maven-branch-checkstyle-root.txt |

| checkstyle | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/8/artifact/out/diff-checkstyle-root.txt |

| javadoc | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/8/artifact/out/patch-javadoc-hadoop-tools_hadoop-aws.txt |

| javadoc | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/8/artifact/out/patch-javadoc-hadoop-tools_hadoop-azure.txt |

| findbugs | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/8/artifact/out/patch-findbugs-hadoop-tools_hadoop-aws.txt |

| findbugs | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/8/artifact/out/patch-findbugs-hadoop-tools_hadoop-azure.txt |

| unit | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/8/artifact/out/patch-unit-hadoop-tools_hadoop-aws.txt |

| unit | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/8/artifact/out/patch-unit-hadoop-tools_hadoop-azure.txt |

| Test Results | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/8/testReport/ |

| Max. process+thread count | 1379 (vs. ulimit of 5500) |

| modules | C: hadoop-common-project/hadoop-common hadoop-tools/hadoop-aws hadoop-tools/hadoop-azure U: . |

| Console output | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/8/console |

| versions | git=2.7.4 maven=3.3.9 findbugs=3.1.0-RC1 |

| Powered by | Apache Yetus 0.10.0 http://yetus.apache.org |

This message was automatically generated.

11. **hadoopqa:** | (x) *{color:red}-1 overall{color}* |

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|| Vote || Subsystem || Runtime || Comment ||

| {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 42s{color} | {color:blue} Docker mode activated. {color} |

|| || || || {color:brown} Prechecks {color} ||

| {color:green}+1{color} | {color:green} dupname {color} | {color:green} 0m 0s{color} | {color:green} No case conflicting files found. {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 4 new or modified test files. {color} |

|| || || || {color:brown} trunk Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 21s{color} | {color:blue} Maven dependency ordering for branch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 17m 11s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 18m 13s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 10s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 20s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 15m 40s{color} | {color:green} branch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 1m 44s{color} | {color:green} trunk passed {color} |

| {color:blue}0{color} | {color:blue} spotbugs {color} | {color:blue} 0m 51s{color} | {color:blue} Used deprecated FindBugs config; considering switching to SpotBugs. {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 3m 32s{color} | {color:green} trunk passed {color} |

|| || || || {color:brown} Patch Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 21s{color} | {color:blue} Maven dependency ordering for patch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 42s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 16m 38s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} javac {color} | {color:green} 16m 38s{color} | {color:green} the patch passed {color} |

| {color:orange}-0{color} | {color:orange} checkstyle {color} | {color:orange} 2m 22s{color} | {color:orange} root: The patch generated 1 new + 14 unchanged - 0 fixed = 15 total (was 14) {color} |

| {color:red}-1{color} | {color:red} mvnsite {color} | {color:red} 0m 23s{color} | {color:red} hadoop-azure in the patch failed. {color} |

| {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s{color} | {color:green} The patch has no whitespace issues. {color} |

| {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 4s{color} | {color:green} The patch has no ill-formed XML file. {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 10m 16s{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} |

| {color:red}-1{color} | {color:red} javadoc {color} | {color:red} 0m 26s{color} | {color:red} hadoop-aws in the patch failed. {color} |

| {color:red}-1{color} | {color:red} javadoc {color} | {color:red} 0m 24s{color} | {color:red} hadoop-azure in the patch failed. {color} |

| {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 24s{color} | {color:red} hadoop-aws in the patch failed. {color} |

| {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 22s{color} | {color:red} hadoop-azure in the patch failed. {color} |

|| || || || {color:brown} Other Tests {color} ||

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 8m 35s{color} | {color:green} hadoop-common in the patch passed. {color} |

| {color:red}-1{color} | {color:red} unit {color} | {color:red} 0m 23s{color} | {color:red}

hadoop-aws in the patch failed. {color} |

| {color:red}-1{color} | {color:red} unit {color} | {color:red} 0m 23s{color} | {color:red} hadoop-azure in the patch failed. {color} |

| {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 38s{color} | {color:green} The patch does not generate ASF License warnings. {color} |

| {color:black}{color} | {color:black} {color} | {color:black}109m 27s{color} | {color:black} {color} |

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|| Subsystem || Report/Notes ||

| Docker | Client=19.03.1 Server=19.03.1 base: https://builds.apache.org/job/hadoop-multibranch/job/PR-970/9/artifact/out/Dockerfile |

| GITHUB PR | https://github.com/apache/hadoop/pull/970 |

| JIRA Issue | HADOOP-16371 |

| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient xml findbugs checkstyle |

| uname | Linux 9a21ba77ad37 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 | personality/hadoop.sh |

| git revision | trunk / 69ddb36 |

| Default Java | 1.8.0_222 |

| checkstyle | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/9/artifact/out/diff-checkstyle-root.txt |

| mvnsite | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/9/artifact/out/patch-mvnsite-hadoop-tools_hadoop-azure.txt |

| javadoc | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/9/artifact/out/patch-javadoc-hadoop-tools_hadoop-aws.txt |

| javadoc | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/9/artifact/out/patch-javadoc-hadoop-tools_hadoop-azure.txt |

| findbugs | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/9/artifact/out/patch-findbugs-hadoop-tools_hadoop-aws.txt |

| findbugs | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/9/artifact/out/patch-

findbugs-hadoop-tools_hadoop-azure.txt |

| unit | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/9/artifact/out/patch-unit-hadoop-tools_hadoop-aws.txt |

| unit | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/9/artifact/out/patch-unit-hadoop-tools_hadoop-azure.txt |

| Test Results | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/9/testReport/ |

| Max. process+thread count | 1463 (vs. ulimit of 5500) |

| modules | C: hadoop-common-project/hadoop-common hadoop-tools/hadoop-aws hadoop-tools/hadoop-azure U: . |

| Console output | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/9/console |

| versions | git=2.7.4 maven=3.3.9 findbugs=3.1.0-RC1 |

| Powered by | Apache Yetus 0.10.0 http://yetus.apache.org |

This message was automatically generated.

12. **hadoopqa:** | (x) *{color:red}-1 overall{color}* |

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|| Vote || Subsystem || Runtime || Comment ||

| {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 1m 16s{color} | {color:blue} Docker mode activated. {color} |

|| || || || {color:brown} Prechecks {color} ||

| {color:green}+1{color} | {color:green} dupname {color} | {color:green} 0m 1s{color} | {color:green} No case conflicting files found. {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 4 new or modified test files. {color} |

|| || || || {color:brown} trunk Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 27s{color} | {color:blue} Maven dependency ordering for branch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 19m 56s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 20m 14s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 3m 8s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 3m 24s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 21m 12s{color} | {color:green} branch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 45s{color} | {color:green} trunk passed {color} |

| {color:blue}0{color} | {color:blue} spotbugs {color} | {color:blue} 1m 6s{color} | {color:blue} Used deprecated FindBugs config; considering switching to SpotBugs. {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 50s{color} | {color:green} trunk passed {color} |

|| || || || {color:brown} Patch Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 27s{color} | {color:blue} Maven dependency ordering for patch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 2m 14s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 21m 46s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} javac {color} | {color:green} 21m 46s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 58s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 3m 30s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s{color} | {color:green} The patch has no whitespace issues. {color} |

| {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 4s{color} | {color:green}

The patch has no ill-formed XML file. {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 15m 0s{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 45s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 5m 41s{color} | {color:green} the patch passed {color} |

|| || || || {color:brown} Other Tests {color} ||

| {color:red}-1{color} | {color:red} unit {color} | {color:red} 10m 6s{color} | {color:red} hadoop-common in the patch failed. {color} |

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 35s{color} | {color:green} hadoop-aws in the patch passed. {color} |

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 22s{color} | {color:green} hadoop-azure in the patch passed. {color} |

| {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 57s{color} | {color:green} The patch does not generate ASF License warnings. {color} |

| {color:black}{color} | {color:black} {color} | {color:black}144m 15s{color} | {color:black} {color} |

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|| Reason || Tests ||

| Failed junit tests | hadoop.security.TestRaceWhenRelogin |

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|| Subsystem || Report/Notes ||

| Docker | Client=19.03.1 Server=19.03.1 base: https://builds.apache.org/job/hadoop-multibranch/job/PR-970/10/artifact/out/Dockerfile |

| GITHUB PR | https://github.com/apache/hadoop/pull/970 |

| JIRA Issue | HADOOP-16371 |

| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient xml findbugs checkstyle |

| uname | Linux c9230587c16e 4.15.0-58-generic #64-Ubuntu SMP Tue Aug 6 11:12:41 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux |

| Build tool | maven |

| Personality | personality/hadoop.sh |

| git revision | trunk / 3329257 |

| Default Java | 1.8.0_222 |

| unit | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/10/artifact/out/patch-unit-hadoop-common-project_hadoop-common.txt |

| Test Results | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/10/testReport/ |

| Max. process+thread count | 1391 (vs. ulimit of 5500) |

| modules | C: hadoop-common-project/hadoop-common hadoop-tools/hadoop-aws hadoop-tools/hadoop-azure U: . |

| Console output | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/10/console |

| versions | git=2.7.4 maven=3.3.9 findbugs=3.1.0-RC1 |

| Powered by | Apache Yetus 0.10.0 http://yetus.apache.org |

This message was automatically generated.

13. **hadoopqa:** | (x) *{color:red}-1 overall{color}* |

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|| Vote || Subsystem || Runtime || Comment ||

| {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 34s{color} | {color:blue} Docker mode activated. {color} |

|| || || || {color:brown} Prechecks {color} ||

| {color:green}+1{color} | {color:green} dupname {color} | {color:green} 0m 0s{color} | {color:green} No case conflicting files found. {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 4 new or modified test files. {color} |

|| || || || {color:brown} trunk Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 23s{color} | {color:blue} Maven dependency ordering for branch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 21m 13s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 19m 50s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 42s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 53s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 18m 57s{color} | {color:green} branch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 23s{color} | {color:green} trunk passed {color} |

| {color:blue}0{color} | {color:blue} spotbugs {color} | {color:blue} 1m 3s{color} | {color:blue} Used deprecated FindBugs config; considering switching to SpotBugs. {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 33s{color} | {color:green} trunk passed {color} |

|| || || || {color:brown} Patch Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 26s{color} | {color:blue} Maven dependency ordering for patch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 51s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 18m 2s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} javac {color} | {color:green} 18m 2s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 29s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 38s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s{color} | {color:green} The patch has no whitespace issues. {color} |

| {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 5s{color} | {color:green} The patch has no ill-formed XML file. {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 12m 20s{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 2s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 54s{color} | {color:green} the patch passed {color} |

|| || || || {color:brown} Other Tests {color} ||

| {color:red}-1{color} | {color:red} unit {color} | {color:red} 10m 12s{color} | {color:red} hadoop-common in the patch failed. {color} |

| {color:red}-1{color} | {color:red} unit {color} | {color:red} 0m 30s{color} | {color:red} hadoop-aws in the patch failed. {color} |

| {color:red}-1{color} | {color:red} unit {color} | {color:red} 0m 32s{color} | {color:red} hadoop-azure in the patch failed. {color} |

| {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 49s{color} | {color:green} The patch does not generate ASF License warnings. {color} |

| {color:black}{color} | {color:black} {color} | {color:black}129m 16s{color} | {color:black} {color} |

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|| Reason || Tests ||

| Failed junit tests | hadoop.fs.TestTrash |

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|| Subsystem || Report/Notes ||

| Docker | Client=19.03.1 Server=19.03.1 base: https://builds.apache.org/job/hadoop-multibranch/job/PR-970/11/artifact/out/Dockerfile |

| GITHUB PR | https://github.com/apache/hadoop/pull/970 |

| JIRA Issue | HADOOP-16371 |

| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shad-

edclient xml findbugs checkstyle |

| uname | Linux 4f056127dd8a 4.15.0-54-generic #58-Ubuntu SMP Mon Jun 24 10:55:24 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux |

| Build tool | maven |

| Personality | personality/hadoop.sh |

| git revision | trunk / 915cbc9 |

| Default Java | 1.8.0_222 |

| unit | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/11/artifact/out/patch-unit-hadoop-common-project_hadoop-common.txt |

| unit | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/11/artifact/out/patch-unit-hadoop-tools_hadoop-aws.txt |

| unit | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/11/artifact/out/patch-unit-hadoop-tools_hadoop-azure.txt |

| Test Results | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/11/testReport/ |

| Max. process+thread count | 1453 (vs. ulimit of 5500) |

| modules | C: hadoop-common-project/hadoop-common hadoop-tools/hadoop-aws hadoop-tools/hadoop-azure U: . |

| Console output | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/11/console |

| versions | git=2.7.4 maven=3.3.9 findbugs=3.1.0-RC1 |

| Powered by | Apache Yetus 0.10.0 http://yetus.apache.org |

This message was automatically generated.

14. **hadoopqa:** | (x) *{color:red}-1 overall{color}* |

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|| Vote || Subsystem || Runtime || Comment ||

| {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 2m 27s{color} | {color:blue} Docker mode activated. {color} |

|| || || || {color:brown} Prechecks {color} ||

| {color:green}+1{color} | {color:green} dupname {color} | {color:green} 0m 1s{color} | {color:green} No case conflicting files found. {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 4 new or modified test files. {color} |

|| || || || {color:brown} trunk Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 1m 40s{color} | {color:blue} Maven dependency ordering for branch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 25m 32s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 22m 41s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 2m 47s{color} | {color:green} trunk passed {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 3m 25s{color} | {color:green} trunk passed {color} |

| {color:red}-1{color} | {color:red} shadedclient {color} | {color:red} 21m 29s{color} | {color:red} branch has errors when building and testing our client artifacts. {color} |

| {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 29s{color} | {color:green} trunk passed {color} |

| {color:blue}0{color} | {color:blue} spotbugs {color} | {color:blue} 1m 11s{color} | {color:blue} Used deprecated FindBugs config; considering switching to SpotBugs. {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 30s{color} | {color:green} trunk passed {color} |

|| || || || {color:brown} Patch Compile Tests {color} ||

| {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 22s{color} | {color:blue} Maven dependency ordering for patch {color} |

| {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 2m 9s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} compile {color} | {color:green} 18m 50s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} javac {color} | {color:green} 18m 50s{color} | {color:green} the patch passed {color} |

| {color:orange}-0{color} | {color:orange} checkstyle {color} | {color:orange} 3m 1s{color} | {color:orange} root: The patch generated 1 new + 16 unchanged - 0 fixed = 17 total (was 16) {color} |

| {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 49s{color} | {color:green} the patch passed {color} |

| {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 1s{color} | {color:green} The patch has no whitespace issues. {color} |

| {color:green}+1{color} | {color:green} xml {color} | {color:green} 0m 4s{color} | {color:green} The patch has no ill-formed XML file. {color} |

| {color:green}+1{color} | {color:green} shadedclient {color} | {color:green} 13m 21s{color} | {color:green} patch has no errors when building and testing our client artifacts. {color} |

| {color:red}-1{color} | {color:red} javadoc {color} | {color:red} 0m 33s{color} | {color:red} hadoop-tools_hadoop-aws generated 4 new + 1 unchanged - 0 fixed = 5 total (was 1) {color} |

| {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 26s{color} | {color:green} the patch passed {color} |

|| || || || {color:brown} Other Tests {color} ||

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 9m 5s{color} | {color:green} hadoop-common in the patch passed. {color} |

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 27s{color} | {color:green} hadoop-aws in the patch passed. {color} |

| {color:green}+1{color} | {color:green} unit {color} | {color:green} 1m 32s{color} | {color:green} hadoop-azure in the patch passed. {color} |

| {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 48s{color} | {color:green} The patch does not generate ASF License warnings. {color} |

| {color:black}{color} | {color:black} {color} | {color:black}146m 1s{color} | {color:black} {color} |

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|| Subsystem || Report/Notes ||

| Docker | Client=18.09.7 Server=18.09.7 base: https://builds.apache.org/job/hadoop-multibranch/job/PR-970/14/artifact/out/Dockerfile |

| GITHUB PR | https://github.com/apache/hadoop/pull/970 |

| JIRA Issue | HADOOP-16371 |

| Optional Tests | dupname asflicense compile javac javadoc mvninstall mvnsite unit shadedclient xml findbugs checkstyle |

| uname | Linux 3eeeb1eb687e 4.15.0-58-generic #64-Ubuntu SMP Tue Aug 6 11:12:41 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux |

| Build tool | maven |

| Personality | personality/hadoop.sh |

| git revision | trunk / 66bd168 |

| Default Java | 1.8.0_222 |

| checkstyle | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/14/artifact/out/diff-checkstyle-root.txt |

| javadoc | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/14/artifact/out/diff-javadoc-javadoc-hadoop-tools_hadoop-aws.txt |

| Test Results | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/14/testReport/ |

| Max. process+thread count | 1341 (vs. ulimit of 5500) |

| modules | C: hadoop-common-project/hadoop-common hadoop-tools/hadoop-aws hadoop-tools/hadoop-azure U: . |

| Console output | https://builds.apache.org/job/hadoop-multibranch/job/PR-970/14/console |

| versions | git=2.7.4 maven=3.3.9 findbugs=3.1.0-RC1 |

| Powered by | Apache Yetus 0.10.0 http://yetus.apache.org |

This message was automatically generated.

15. **hudson:** FAILURE: Integrated in Jenkins build Hadoop-trunk-Commit #17312 (See [https://builds.apache.org/job/Hadoop-trunk-Commit/17312/])
HADOOP-16371: Option to disable GCM for SSL connections when running on (stevel: rev 55ce454ce4f1b1eaa9f041f3b0fb69a9fcc56894)
* (edit) hadoop-tools/hadoop-azure/src/main/java/org/apache/hadoop/fs/azurebfs/services/AbfsClient.java
* (add) hadoop-tools/hadoop-aws/src/main/java/org/apache/hadoop/fs/s3a/impl/NetworkBinding.java
* (edit) hadoop-tools/hadoop-azure/src/main/java/org/apache/hadoop/fs/azurebfs/constants/FileSystemConfigur

* (edit) hadoop-tools/hadoop-azure/src/test/java/org/apache/hadoop/fs/azurebfs/TestAbfsConfigurationFieldsVa
* (edit) hadoop-tools/hadoop-aws/src/site/markdown/tools/hadoop-aws/performance.md
* (edit) hadoop-tools/hadoop-azure/src/main/java/org/apache/hadoop/fs/azurebfs/services/AbfsHttpOperation.ja
* (delete) hadoop-tools/hadoop-azure/src/main/java/org/apache/hadoop/fs/azurebfs/utils/SSLSocketFactoryEx.ja
* (edit) hadoop-common-project/hadoop-common/src/main/resources/core-default.xml
* (edit) hadoop-tools/hadoop-azure/src/test/java/org/apache/hadoop/fs/azurebfs/services/TestAbfsClient.java
* (add) hadoop-common-project/hadoop-common/src/test/java/org/apache/hadoop/security/ssl/TestDelegatingSS
* (edit) hadoop-tools/hadoop-azure/src/main/java/org/apache/hadoop/fs/azurebfs/AbfsConfiguration.java
* (edit) hadoop-tools/hadoop-aws/src/main/java/org/apache/hadoop/fs/s3a/Constants.java
* (add) hadoop-common-project/hadoop-common/src/main/java/org/apache/hadoop/security/ssl/DelegatingSSLS
* (edit) hadoop-common-project/hadoop-common/pom.xml
* (edit) hadoop-tools/hadoop-aws/src/test/java/org/apache/hadoop/fs/contract/s3a/ITestS3AContractSeek.java
* (edit) hadoop-tools/hadoop-aws/src/main/java/org/apache/hadoop/fs/s3a/S3AUtils.java

16. **stevel@apache.org:** HADOOP-17337 surfaced -implies there's not enough reflection in
NetworlBinding class. and we can't downgrade to the unshaded AWS SDK