

git_comments:

1. send trace command to DN
2. * * Test cases for TraceAdmin.
3. send trace command to NN
4. login using keytab and run commands
5. * * Test running hadoop trace commands with -principal option against * Kerberized NN and DN. * * @throws Exception

git_commits:

1. **summary:** HADOOP-13137. TraceAdmin should support Kerberized cluster (Wei-Chiu Chuang via cmccabe)
message: HADOOP-13137. TraceAdmin should support Kerberized cluster (Wei-Chiu Chuang via cmccabe) (cherry picked from commit 8ceb06e2392763726210f96bb1c176e6a9fe7b53)

github_issues:**github_issues_comments:****github_pulls:****github_pulls_comments:****github_pulls_reviews:****jira_issues:**

1. **summary:** TraceAdmin should support Kerberized cluster
description: When I run `{{hadoop trace}}` command for a Kerberized NameNode, it failed with the following error:

```
[hdfs@weichiu-encryption-1 root]$ hadoop trace -list -host weichiu-encryption-1.vpc.cloudera.com:802216/05/12
00:02:13 WARN ipc.Client: Exception encountered while connecting to the server : java.lang.IllegalArgumentException:
Failed to specify server's Kerberos principal name 16/05/12 00:02:13 WARN security.UserGroupInformation:
PrivilegedActionException as:hdfs@VPC.CLOUDERA.COM (auth:KERBEROS) cause:java.io.IOException:
java.lang.IllegalArgumentException: Failed to specify server's Kerberos principal name Exception in thread "main"
java.io.IOException: Failed on local exception: java.io.IOException: java.lang.IllegalArgumentException: Failed to
specify server's Kerberos principal name; Host Details : local host is: "weichiu-encryption-
1.vpc.cloudera.com/172.26.8.185"; destination host is: "weichiu-encryption-1.vpc.cloudera.com":8022; at
org.apache.hadoop.net.NetUtils.wrapException(NetUtils.java:772) at org.apache.hadoop.ipc.Client.call(Client.java:1470)
at org.apache.hadoop.ipc.Client.call(Client.java:1403) at
org.apache.hadoop.ipc.ProtobufRpcEngine$Invoker.invoke(ProtobufRpcEngine.java:230) at
com.sun.proxy.$Proxy11.listSpanReceivers(Unknown Source) at
org.apache.hadoop.tracing.TraceAdminProtocolTranslatorPB.listSpanReceivers(TraceAdminProtocolTranslatorPB.java:58)
at org.apache.hadoop.tracing.TraceAdmin.listSpanReceivers(TraceAdmin.java:68) at
org.apache.hadoop.tracing.TraceAdmin.run(TraceAdmin.java:177) at
org.apache.hadoop.tracing.TraceAdmin.main(TraceAdmin.java:195) Caused by: java.io.IOException:
java.lang.IllegalArgumentException: Failed to specify server's Kerberos principal name at
org.apache.hadoop.ipc.Client$Connection$1.run(Client.java:682) at java.security.AccessController.doPrivileged(Native
Method) at javax.security.auth.Subject.doAs(Subject.java:415) at
org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1671) at
org.apache.hadoop.ipc.Client$Connection.handleSaslConnectionFailure(Client.java:645) at
org.apache.hadoop.ipc.Client$Connection.setupIOStreams(Client.java:733) at
org.apache.hadoop.ipc.Client$Connection.access$2800(Client.java:370) at
org.apache.hadoop.ipc.Client.getConnection(Client.java:1519) at org.apache.hadoop.ipc.Client.call(Client.java:1442) ... 7
more Caused by: java.lang.IllegalArgumentException: Failed to specify server's Kerberos principal name at
org.apache.hadoop.security.SaslRpcClient.getServerPrincipal(SaslRpcClient.java:322) at
org.apache.hadoop.security.SaslRpcClient.createSaslClient(SaslRpcClient.java:231) at
org.apache.hadoop.security.SaslRpcClient.selectSaslClient(SaslRpcClient.java:159) at
org.apache.hadoop.security.SaslRpcClient.saslConnect(SaslRpcClient.java:396) at
org.apache.hadoop.ipc.Client$Connection.setupSaslConnection(Client.java:555) at
org.apache.hadoop.ipc.Client$Connection.access$1800(Client.java:370) at
org.apache.hadoop.ipc.Client$Connection$2.run(Client.java:725) at
org.apache.hadoop.ipc.Client$Connection$2.run(Client.java:721) at java.security.AccessController.doPrivileged(Native
Method) at javax.security.auth.Subject.doAs(Subject.java:415) at
org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1671) at
org.apache.hadoop.ipc.Client$Connection.setupIOStreams(Client.java:720) ... 10 more It is failing because
{{TraceAdmin}} does not set up the property
{{CommonConfigurationKeys.HADOOP_SECURITY_SERVICE_USER_NAME_KEY}} Fixing it may require some
```

restructuring, as the NameNode principal `{{dfs.namenode.kerberos.principal}}` is a HDFS property, but TraceAdmin is in hadoop-common. Or, specify it with a new command `{{-principal}}`. Any suggestions? Thanks

jira_issues_comments:

1. if the command takes `{{-D name=value}}` assignments, you could try to set the property that way and see if the problem goes away
2. Hi Steve, Thanks for the suggestion, I've tried that but however that doesn't work. It's also interesting that `{{-D}}` is said to be a general option, but apparently quite a few Hadoop (as well as HDFS) commands do not take it. I am thinking to either add a `-principal` command option, or make TraceAdmin to support `-D` command option, and update the doc.
3. A quick fix (no test, no doc). I ran this patch on a CDH5.5.1 Kerberized cluster, and it works if I supply the option `-principal` as follows: `{{hadoop trace -list -host weichiu-encryption-1.vpc.cloudera.com:8022 -principal hdfs/weichiu-encryption-1.vpc.cloudera.com@VPC.CLOUDERA.COM}}`
4. v02: added a test case to test `{{hadoop trace}}` command against a Kerberized cluster. In addition, updated `_Enabling Dapper-like Tracing in Hadoop_` doc for the usage.
5. Submit the patch for precommit test. [~cmccabe], [~steve_l], would you mind to review the patch? Thank you very much!
6. **body:** LGTM. [~cmccabe] —thoughts? 1. No need to wrap the `LOG.debug()` with a condition; SLF4J is low cost if is not invoked 2. Could you replace the `{code}``${{dfs.namenode.kerberos.principal}}`{code}` with a simple example like `{{namenode/NN1@EXAMPLE}}`. Why? avoid confusion to the reader about when `$` expansion takes place: in shell versus in config.

label: code-design

7. | (x) *{color:red}-1 overall{color}* | \ \ \ \ \ Vote \| Subsystem \| Runtime \| Comment \| | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 10s {color} | {color:blue} Docker mode activated. {color} | | {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} | | {color:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 1 new or modified test files. {color} | | {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 15s {color} | {color:blue} Maven dependency ordering for branch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 6m 37s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 7m 38s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 24s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 2s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 26s {color} | {color:green} trunk passed {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 3m 14s {color} | {color:green} trunk passed {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} mvndep {color} | {color:blue} 0m 11s {color} | {color:blue} Maven dependency ordering for patch {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 37s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 7m 20s {color} | {color:green} the patch passed {color} | | {color:red}-1{color} | {color:red} javac {color} | {color:red} 7m 20s {color} | {color:red} root generated 1 new + 697 unchanged - 0 fixed = 698 total (was 697) {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 24s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 1s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 27s {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} findbugs {color} | {color:green} 3m 37s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 8s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} unit {color} | {color:green} 7m 53s {color} | {color:green} hadoop-common in the patch passed. {color} | | {color:red}-1{color} | {color:red} unit {color} | {color:red} 59m 29s {color} | {color:red} hadoop-hdfs in the patch failed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 24s {color} | {color:green} The patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 111m 15s {color} | {color:black} {color} | \ \ \ \ \ Reason \| Tests \| | Failed junit tests | hadoop.hdfs.server.namenode.TestEditLog | | hadoop.hdfs.TestAsyncDFSRename | \ \ \ \ \ Subsystem \| Report/Notes \| | Docker | Image:yetus/hadoop:2c91fd8 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12804769/HADOOP-13137.002.patch | | JIRA Issue | HADOOP-13137 | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | | uname | Linux c6cb031975ad 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3 21:56:12 UTC 2014 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / 141873c | | Default Java | 1.8.0_91 | | findbugs | v3.0.0 | | javac | https://builds.apache.org/job/PreCommit-HADOOP-Build/9514/artifact/patchprocess/diff-compile-javac-root.txt | | unit | https://builds.apache.org/job/PreCommit-HADOOP-Build/9514/artifact/patchprocess/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt | | unit test logs | https://builds.apache.org/job/PreCommit-HADOOP-Build/9514/artifact/patchprocess/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt | | Test Results | https://builds.apache.org/job/PreCommit-HADOOP-Build/9514/testReport/ | | modules | C: hadoop-common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs U: . | | Console output | https://builds.apache.org/job/PreCommit-HADOOP-Build/9514/console | | Powered by | Apache Yetus 0.3.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.

8. The patch looks good to me. I think there are a few other commands that might need to get an argument like this, if it's necessary when communicating directly with a kerberized Hadoop server. I do wonder why we need a new file, TestKerberizedTraceAdmin.java, when it could have been a test in TestTraceAdmin.java, but I don't feel that strongly about it. Thanks, [~weichiu] and [~steve_l].
9. **body:** v03. Thanks [~steve_l] and [~cmccabe]! bq. No need to wrap the LOG.debug() with a condition; SLF4J is low cost if is not invoked done bq. Could you replace the ``\${dfs.namenode.kerberos.principal}`` done bq. I do wonder why we need a new file, TestKerberizedTraceAdmin.java, when it could have been a test in TestTraceAdmin.java I needed a subclass of {{SaslDataTransferTestCase}} to set up Kerberized mini cluster. I removed the new test file, and instead, let {{TestTraceAdmin}} to extend from {{SaslDataTransferTestCase}}. bq. I think there are a few other commands that might need to get an argument like this I believe so. I'm working on a patch to support {{hadoop daemonlog}} in Kerberized cluster, and I suspect erasure coding commands and other new commands should also be fixed.
- label:** code-design
10. (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:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 1 new or modified test files. {color} || {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 31s {color} | {color:blue} Maven dependency ordering for branch {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 6m 14s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 7m 57s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 23s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 58s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 26s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 3m 41s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 17s {color} | {color:green} trunk passed {color} || {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 12s {color} | {color:blue} Maven dependency ordering for patch {color} | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 27s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 6m 21s {color} | {color:green} the patch passed {color} || {color:red}-1{color} | {color:red} javac {color} | {color:red} 6m 21s {color} | {color:red} root generated 1 new + 698 unchanged - 0 fixed = 699 total (was 698) {color} || {color:red}-1{color} | {color:red} checkstyle {color} | {color:red} 1m 19s {color} | {color:red} root: The patch generated 1 new + 11 unchanged - 2 fixed = 12 total (was 13) {color} || {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 42s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 24s {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} findbugs {color} | {color:green} 3m 12s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 8s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 8m 32s {color} | {color:green} hadoop-common in the patch passed. {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 60m 57s {color} | {color:green} hadoop-hdfs in the patch passed. {color} || {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 23s {color} | {color:green} The patch does not generate ASF License warnings. {color} || {color:black}{color} | {color:black} {color} | {color:black} 112m 9s {color} | {color:black} {color} | \\ \\ || Subsystem || Report/Notes || | Docker | Image:yetus/hadoop:2c91fd8 | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12805663/HADOOP-13137.003.patch | | JIRA Issue | HADOOP-13137 | | Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle | | uname | Linux 0e3e77fe3b42 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3 21:56:12 UTC 2014 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh | | git revision | trunk / ac95448 | | Default Java | 1.8.0_91 | | findbugs | v3.0.0 | | javac | https://builds.apache.org/job/PreCommit-HADOOP-Build/9554/artifact/patchprocess/diff-compile-javac-root.txt | | checkstyle | https://builds.apache.org/job/PreCommit-HADOOP-Build/9554/artifact/patchprocess/diff-checkstyle-root.txt | | Test Results | https://builds.apache.org/job/PreCommit-HADOOP-Build/9554/testReport/ | | modules | C: hadoop-common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs U: . | | Console output | https://builds.apache.org/job/PreCommit-HADOOP-Build/9554/console | | Powered by | Apache Yetus 0.3.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.
11. **body:** v04: fixed checkstyle and javac warnings.
- label:** code-design
12. (x) *{color:red}-1 overall{color}* | \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 17s {color} | {color:blue} Docker mode activated. {color} || {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} || {color:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 1 new or modified test files. {color} || {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 35s {color} | {color:blue} Maven dependency ordering for branch {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 9m 50s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 10m 27s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 41s {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} mvneclipse {color} | {color:green} 0m 37s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 4m 10s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 41s {color} | {color:green} trunk passed {color} || {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 16s {color} | {color:blue} Maven dependency ordering for patch {color} | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 2m 10s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 10m 29s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 10m 29s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 40s {color} | {color:green} root: The patch generated 0 new + 13 unchanged - 2 fixed = 13 total (was 15) {color} || {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 35s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 35s {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} findbugs {color} | {color:green} 4m 34s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 32s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} unit {color} | {color:green} 10m 54s {color} | {color:green} hadoop-common in the patch passed. {color} || {color:red}-1{color} | {color:red} unit {color} | {color:red} 69m 47s {color} | {color:red} hadoop-hdfs in the patch failed. {color} || {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} 140m 3s {color} | {color:black} {color} | \ \ \ || Reason || Tests || Failed junit tests | hadoop.hdfs.server.datanode.TestDataNodeVolumeFailure || hadoop.metrics2.sink.TestRollingFileSystemSinkWithHdfs || hadoop.hdfs.server.datanode.TestDataNodeUUID || hadoop.hdfs.TestAsyncDFSRename || hadoop.hdfs.shortcircuit.TestShortCircuitCache | \ \ \ || Subsystem || Report/Notes || Docker | Image:yetus/hadoop:2c91fd8 || JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12806062/HADOOP-13137.004.patch || JIRA Issue | HADOOP-13137 || Optional Tests | asflicense compile javac javadoc mvninstall mvnsite unit findbugs checkstyle || uname | Linux d327efa2f553 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3 21:56:12 UTC 2014 x86_64 x86_64 x86_64 GNU/Linux || Build tool | maven || Personality | /testptch/hadoop/patchprocess/precommit/personality/provided.sh || git revision | trunk / 28bd63e || Default Java | 1.8.0_91 || findbugs | v3.0.0 || unit | https://builds.apache.org/job/PreCommit-HADOOP-Build/9577/artifact/patchprocess/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt || unit test logs | https://builds.apache.org/job/PreCommit-HADOOP-Build/9577/artifact/patchprocess/patch-unit-hadoop-hdfs-project_hadoop-hdfs.txt || Test Results | https://builds.apache.org/job/PreCommit-HADOOP-Build/9577/testReport/ || modules | C: hadoop-common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs U: . || Console output | https://builds.apache.org/job/PreCommit-HADOOP-Build/9577/console || Powered by | Apache Yetus 0.4.0-SNAPSHOT http://yetus.apache.org | This message was automatically generated.

13. getting close. in {{assertEquals()}} the expected should come first, e.g. {{assertEquals(0, ret)}}
14. Thanks [~steve_l], I've made a new patch based on your comment: v05. # changed the argument order in assertEquals. # removed {{final MiniDFSCluster clusterRef}}
15. (x) *{color:red}-1 overall{color}* | \ \ \ || Vote || Subsystem || Runtime || Comment || {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 0m 18s {color} | {color:blue} Docker mode activated. {color} || {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} || {color:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 1 new or modified test files. {color} || {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 1m 29s {color} | {color:blue} Maven dependency ordering for branch {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 6m 15s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 6m 36s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 24s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 1m 58s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 25s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 3m 3s {color} | {color:green} trunk passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 5s {color} | {color:green} trunk passed {color} || {color:blue}0{color} | {color:blue} mvndep {color} | {color:blue} 0m 13s {color} | {color:blue} Maven dependency ordering for patch {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 55s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 7m 53s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 7m 53s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 27s {color} | {color:green} root: The patch generated 0 new + 11 unchanged - 2 fixed = 11 total (was 13) {color} || {color:green}+1{color} | {color:green} mvnsite {color} | {color:green} 2m 11s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 27s {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} findbugs {color} | {color:green} 3m 37s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 2m 2s {color} | {color:green} the patch passed {color} || {color:red}-1{color} | {color:red} unit {color} | {color:red} 7m 30s {color} | {color:red} hadoop-common in the patch failed. {color} || {color:red}-1{color} |

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{color:red} unit {color} | {color:red} 73m 17s {color} | {color:red} hadoop-hdfs in the patch failed. {color} ||
{color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 23s {color} | {color:green} The patch does
not generate ASF License warnings. {color} || {color:black}{color} | {color:black} {color} | {color:black} 125m 23s
{color} | {color:black} {color} | \\ \\ || Reason || Tests || | Failed junit tests | hadoop.net.TestDNS || |
hadoop.hdfs.server.namenode.TestNameNodeMetadataConsistency | \\ \\ || Subsystem || Report/Notes || | Docker |
Image:yetus/hadoop:2c91fd8 || JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12806225/HADOOP-
13137.005.patch || JIRA Issue | HADOOP-13137 || Optional Tests | asflicense compile javac javadoc mvninstall mvnsite
unit findbugs checkstyle || uname | Linux 3d560cad5db3 3.13.0-36-lowlatency #63-Ubuntu SMP PREEMPT Wed Sep 3
21:56:12 UTC 2014 x86_64 x86_64 x86_64 GNU/Linux || Build tool | maven || Personality |
/testptch/hadoop/patchprocess/precommit/personality/provided.sh || git revision | trunk / 1ba31fe || Default Java |
1.8.0_91 || findbugs | v3.0.0 || unit | https://builds.apache.org/job/PreCommit-HADOOP-
Build/9584/artifact/patchprocess/patch-unit-hadoop-common-project_hadoop-common.txt || unit |
https://builds.apache.org/job/PreCommit-HADOOP-Build/9584/artifact/patchprocess/patch-unit-hadoop-hdfs-
project_hadoop-hdfs.txt || unit test logs | https://builds.apache.org/job/PreCommit-HADOOP-
Build/9584/artifact/patchprocess/patch-unit-hadoop-common-project_hadoop-common.txt
https://builds.apache.org/job/PreCommit-HADOOP-Build/9584/artifact/patchprocess/patch-unit-hadoop-hdfs-
project_hadoop-hdfs.txt || Test Results | https://builds.apache.org/job/PreCommit-HADOOP-Build/9584/testReport/ ||
modules | C: hadoop-common-project/hadoop-common hadoop-hdfs-project/hadoop-hdfs U: . || Console output |
https://builds.apache.org/job/PreCommit-HADOOP-Build/9584/console || Powered by | Apache Yetus 0.4.0-SNAPSHOT
http://yetus.apache.org | This message was automatically generated.

```

16. The test failures look unrelated.

17. bq. The test failures look unrelated. I agree-- I ran them locally, and they passed. Thanks, [~weichiu] and [~steve_l]. +1.

18. SUCCESS: Integrated in Hadoop-trunk-Commit #9891 (See [https://builds.apache.org/job/Hadoop-trunk-Commit/9891/])
HADOOP-13137. TraceAdmin should support Kerberized cluster (Wei-Chiu (cmccabe: rev
8ceb06e2392763726210f96bb1c176e6a9fe7b53)) * hadoop-hdfs-project/hadoop-
hdfs/src/test/java/org/apache/hadoop/tracing/TestTraceAdmin.java * hadoop-common-project/hadoop-
common/src/main/java/org/apache/hadoop/tracing/TraceAdmin.java * hadoop-common-project/hadoop-
common/src/site/markdown/Tracing.md