Item 15
git_comments:

1. * * Returns the backoff policy used for Failed Region Open retries * @return the backoff policy used for Failed Region Open retries
2. Have the current thread sleep a bit before resubmitting the RPC request
3. Set the max time limit to the initial sleep interval so we use a constant time sleep strategy if the user does not set a max sleep limit
4. Configurations for retrying opening a region on receiving a FAILED_OPEN
5. This comparator sorts the RegionStates by time stamp then Region name. Comparing by timestamp alone can lead us to discard different RegionStates that happen to share a timestamp.

git_commits:

1. **summary:** HBASE-16209 provide an ExponentialBackOffPolicy sleep between failed region open requests
   message: HBASE-16209 provide an ExponentialBackOffPolicy sleep between failed region open requests Signed-off-by: Elliott Clark <eclark@apache.org>

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

1. **summary:** Provide an ExponentialBackOffPolicy sleep between failed region open requests
   description: Related to HBASE-16138. As of now we currently have no pause between retrying failed region open requests. And with a low maximumAttempt default, we can quickly use up all our regionOpen retries if the server is in a bad state. I added in a ExponentialBackOffPolicy so that we spread out the timing of our open region retries in AssignmentManager. Review board at https://reviews.apache.org/r/50011/

jira_issues_comments:

1. There appears to be a pre-existing bug with the Web UI and RegionTransitions. I will try to fix that bug in this fix, but it would be nice if I could get some feedback on the AssignmentManager code. Thanks!
2. I just fixed the original bug in the Web UI and uploaded a new patch.
3. | (x) *{color:red}-1 overall{color}* | \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:green}+1{color} | {color:green} hbaseanti {color} | {color:green} 0m 0s {color} | {color:green} Patch does not have any anti-patterns. {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:green}+1{color} | {color:green} mvninstall {color} | {color:green} 3m 24s {color} | {color:green} master passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 1m 3s {color} | {color:green} master passed with JDK v1.8.0 {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 42s {color} | {color:green} master passed with JDK v1.7.0_80 {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 59s {color} | {color:green} master passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 18s {color} | {color:green} master passed {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 2m 15s {color} | {color:green} master passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 36s {color} | {color:green} master passed with JDK v1.8.0 {color} | | {color:green}+1{color} | {color:green} javadoc {color} |

{color:green} 0m 35s {color} | {color:green} master passed with JDK v1.7.0_80 {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 51s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 43s {color} | {color:green} the patch passed with JDK v1.8.0 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 43s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 42s {color} | {color:green} the patch passed with JDK v1.7.0_80 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 42s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 57s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 17s {color} | {color:green} the patch passed {color} | | {color:red}-1{color} | {color:red} whitespace {color} | {color:red} 0m 0s {color} | {color:red} The patch has 1 line(s) that end in whitespace. Use git apply -- whitespace=fix. {color} | | {color:green}+1{color} | {color:green} hadoopcheck {color} | {color:green} 30m 35s {color} | {color:green} Patch does not cause any errors with Hadoop 2.4.0 2.4.1 2.5.0 2.5.1 2.5.2 2.6.1 2.6.2 2.6.3 2.7.1. {color} | | {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 2m 43s {color} | {color:red} hbase-server generated 1 new + 0 unchanged - 0 fixed = 1 total (was 0) {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 31s {color} | {color:green} the patch passed with JDK v1.8.0 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 39s {color} | {color:green} the patch passed with JDK v1.7.0_80 {color} | | {color:red}-1{color} | {color:red} unit {color} | {color:red} 97m 43s {color} | {color:red} hbase-server in the patch failed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 15s {color} | {color:green} Patch does not generate ASF License warnings. {color} | | {color:black} {color} | {color:black} {color} | {color:black} 146m 16s {color} | {color:black} {color} | \\ \\ || Reason || Tests || | FindBugs | module:hbase-server | | | Futile attempt to change max pool size of ScheduledThreadPoolExecutor in new org.apache.hadoop.hbase.master.AssignmentManager(MasterServices, ServerManager, LoadBalancer, ExecutorService, MetricsMaster, TableLockManager, TableStateManager) At AssignmentManager.java:pool size of ScheduledThreadPoolExecutor in new org.apache.hadoop.hbase.master.AssignmentManager(MasterServices, ServerManager, LoadBalancer, ExecutorService, MetricsMaster, TableLockManager, TableStateManager) At AssignmentManager.java: [line 251] | | Failed junit tests | hadoop.hbase.master.TestMasterStatusServlet | \\ \\ || Subsystem || Report/Notes || | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12817841/HBASE-16209.patch | | JIRA Issue | HBASE-16209 | | Optional Tests | asflicense javac javadoc unit findbugs hadoopcheck hbaseanti checkstyle compile | | uname | Linux asf907.gq1.ygridcore.net 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 | /home/jenkins/jenkins-slave/workspace/PreCommit-HBASE-Build@2/component/dev-support/hbase-personality.sh | | git revision | master / 86f3768 | | Default Java | 1.7.0_80 | | Multi-JDK versions | /home/jenkins/tools/java/jdk1.8.0:1.8.0 /home/jenkins/jenkins-slave/tools/hudson.model.JDK/JDK_1.7_latest_:1.7.0_80 | | findbugs | v3.0.0 | | whitespace | https://builds.apache.org/job/PreCommit-HBASE-Build/2631/artifact/patchprocess/whitespace-eol.txt | | findbugs | https://builds.apache.org/job/PreCommit-HBASE-Build/2631/artifact/patchprocess/new-findbugs-hbase-server.html | | unit | https://builds.apache.org/job/PreCommit-HBASE-Build/2631/artifact/patchprocess/patch-unit-hbase-server.txt | | unit test logs | https://builds.apache.org/job/PreCommit-HBASE-Build/2631/artifact/patchprocess/patch-unit-hbase-server.txt | | Test Results | https://builds.apache.org/job/PreCommit-HBASE-Build/2631/testReport/ | | modules | C: hbase-server U: hbase-server | | Console output | https://builds.apache.org/job/PreCommit-HBASE-Build/2631/console | | Powered by | Apache Yetus 0.2.1 http://yetus.apache.org | This message was automatically generated.

4. | (x) *{color:red}-1 overall{color}* | \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:green}+1{color} | {color:green} hbaseanti {color} | {color:green} 0m 0s {color} | {color:green} Patch does not have any anti-patterns. {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:green}+1{color} | {color:green} mvninstall {color} | {color:green} 3m 44s {color} | {color:green} master passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 41s {color} | {color:green} master passed with JDK v1.8.0 {color} | | {color:green}+1{color} | {color:green}

compile {color} | {color:green} 0m 35s {color} | {color:green} master passed with JDK v1.7.0_80 {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 54s {color} | {color:green} master passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 17s {color} | {color:green} master passed {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 1m 57s {color} | {color:green} master passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 28s {color} | {color:green} master passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 34s {color} | {color:green} master passed with JDK v1.7.0_80 {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 45s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 39s {color} | {color:green} the patch passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 39s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 34s {color} | {color:green} the patch passed with JDK v1.7.0_80 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 34s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 52s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 17s {color} | {color:green} the patch passed {color} || {color:red}-1{color} | {color:red} whitespace {color} | {color:red} 0m 0s {color} | {color:red} The patch has 1 line(s) that end in whitespace. Use git apply -- whitespace=fix. {color} || {color:green}+1{color} | {color:green} hadoopcheck {color} | {color:green} 27m 28s {color} | {color:green} Patch does not cause any errors with Hadoop 2.4.0 2.4.1 2.5.0 2.5.1 2.5.2 2.6.1 2.6.2 2.6.3 2.7.1. {color} || {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 2m 15s {color} | {color:red} hbase-server generated 1 new + 0 unchanged - 0 fixed = 1 total (was 0) {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 27s {color} | {color:green} the patch passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 34s {color} | {color:green} the patch passed with JDK v1.7.0_80 {color} || {color:red}-1{color} | {color:red} unit {color} | {color:red} 112m 38s {color} | {color:red} hbase-server in the patch failed. {color} || {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 21s {color} | {color:green} Patch does not generate ASF License warnings. {color} || {color:black} {color} | {color:black} {color} | {color:black} 156m 32s {color} | {color:black} {color} | \\ \\ || Reason || Tests || | FindBugs | module:hbase-server | | | Futile attempt to change max pool size of ScheduledThreadPoolExecutor in new org.apache.hadoop.hbase.master.AssignmentManager(MasterServices, ServerManager, LoadBalancer, ExecutorService, MetricsMaster, TableLockManager, TableStateManager) At AssignmentManager.java:pool size of ScheduledThreadPoolExecutor in new org.apache.hadoop.hbase.master.AssignmentManager(MasterServices, ServerManager, LoadBalancer, ExecutorService, MetricsMaster, TableLockManager, TableStateManager) At AssignmentManager.java: [line 251] | | Failed junit tests | hadoop.hbase.master.procedure.TestMasterFailoverWithProcedures | | | hadoop.hbase.master.TestMasterStatusServlet || Timed out junit tests | org.apache.hadoop.hbase.mapreduce.TestRowCounter | | | org.apache.hadoop.hbase.mapreduce.TestSecureLoadIncrementalHFiles | | | org.apache.hadoop.hbase.mapreduce.TestImportExport | | | org.apache.hadoop.hbase.mapreduce.TestLoadIncrementalHFiles | \\ \\ || Subsystem || Report/Notes || | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12817859/HBASE-16209.patch || JIRA Issue | HBASE-16209 | | Optional Tests | asflicense javac javadoc unit findbugs hadoopcheck hbaseanti checkstyle compile | | uname | Linux asf909.gq1.ygridcore.net 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 | /home/jenkins/jenkins-slave/workspace/PreCommit-HBASE-Build/component/dev-support/hbase-personality.sh || git revision | master / 86f3768 || Default Java | 1.7.0_80 | | Multi-JDK versions | /home/jenkins/tools/java/jdk1.8.0:1.8.0 /home/jenkins/jenkins-slave/tools/hudson.model.JDK/JDK_1.7_latest_:1.7.0_80 | | findbugs | v3.0.0 | | whitespace | https://builds.apache.org/job/PreCommit-HBASE-Build/2632/artifact/patchprocess/whitespace-eol.txt || findbugs | https://builds.apache.org/job/PreCommit-HBASE-Build/2632/artifact/patchprocess/new-findbugs-hbase-server.html | | unit | https://builds.apache.org/job/PreCommit-HBASE-Build/2632/artifact/patchprocess/patch-unit-hbase-server.txt || unit test logs | https://builds.apache.org/job/PreCommit-HBASE-Build/2632/artifact/patchprocess/patch-unit-hbase-server.txt || Test Results | https://builds.apache.org/job/PreCommit-HBASE-Build/2632/testReport/ || modules | C: hbase-server U: hbase-server || Console output | https://builds.apache.org/job/PreCommit-

HBASE-Build/2632/console || Powered by | Apache Yetus 0.2.1 http://yetus.apache.org | This message was automatically generated.

5. | (x) *{color:red}-1 overall{color}* | \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:green}+1{color} | {color:green} hbaseanti {color} | {color:green} 0m 0s {color} | {color:green} Patch does not have any anti-patterns. {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:green}+1{color} | {color:green} mvninstall {color} | {color:green} 3m 26s {color} | {color:green} master passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 45s {color} | {color:green} master passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 36s {color} | {color:green} master passed with JDK v1.7.0_80 {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 53s {color} | {color:green} master passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 16s {color} | {color:green} master passed {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 2m 5s {color} | {color:green} master passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 33s {color} | {color:green} master passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 33s {color} | {color:green} master passed with JDK v1.7.0_80 {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 46s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 45s {color} | {color:green} the patch passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 45s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 36s {color} | {color:green} the patch passed with JDK v1.7.0_80 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 36s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 53s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 16s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green} Patch has no whitespace issues. {color} || {color:green}+1{color} | {color:green} hadoopcheck {color} | {color:green} 32m 14s {color} | {color:green} Patch does not cause any errors with Hadoop 2.4.0 2.4.1 2.5.0 2.5.1 2.5.2 2.6.1 2.6.2 2.6.3 2.7.1. {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 2m 55s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 33s {color} | {color:green} the patch passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 43s {color} | {color:green} the patch passed with JDK v1.7.0_80 {color} || {color:red}-1{color} | {color:red} unit {color} | {color:red} 109m 12s {color} | {color:red} hbase-server in the patch failed. {color} || {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 15s {color} | {color:green} Patch does not generate ASF License warnings. {color} || {color:black}{color} | {color:black} {color} | {color:black} 158m 41s {color} | {color:black} {color} | \\ \\ || Reason || Tests || | Failed junit tests | hadoop.hbase.regionserver.TestRegionMergeTransactionOnCluster | | | hadoop.hbase.master.TestMasterStatusServlet | \\ \\ || Subsystem || Report/Notes || | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12817975/HBASE-16209.patch | | JIRA Issue | HBASE-16209 | | Optional Tests | asflicense javac javadoc unit findbugs hadoopcheck hbaseanti checkstyle compile | | uname | Linux asf906.gq1.ygridcore.net 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 | /home/jenkins/jenkins-slave/workspace/PreCommit-HBASE-Build/component/dev-support/hbase-personality.sh | | git revision | master / a55af38 | | Default Java | 1.7.0_80 | | Multi-JDK versions | /home/jenkins/tools/java/jdk1.8.0:1.8.0 /home/jenkins/jenkins-slave/tools/hudson.model.JDK/JDK_1.7_latest_:1.7.0_80 | | findbugs | v3.0.0 | | unit | https://builds.apache.org/job/PreCommit-HBASE-Build/2638/artifact/patchprocess/patch-unit-hbase-server.txt | | unit test logs | https://builds.apache.org/job/PreCommit-HBASE-Build/2638/artifact/patchprocess/patch-unit-hbase-server.txt | | Test Results | https://builds.apache.org/job/PreCommit-HBASE-Build/2638/testReport/ | | modules | C: hbase-server U: hbase-server | | Console output | https://builds.apache.org/job/PreCommit-HBASE-Build/2638/console | | Powered by | Apache Yetus 0.2.1 http://yetus.apache.org | This message was automatically generated.

6. **body:** Patch seems good. Hard to write a test? What you think of this [~mbertozzi]?

label: test

7. TestMasterStatusServlet seems to be consistently broken with this patch. Thoughts [~Vegetable26]

8. Sorry, I forgot to mock a method inside of the UnitTest. It should be passing now. I also modified the max sleep time to be the same as the initial sleep time interval, defaulting to a constant sleep time strategy if the user only sets an initial sleep time.

9. | (x) *{color:red}-1 overall{color}* | \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:green}+1{color} | {color:green} hbaseanti {color} | {color:green} 0m 0s {color} | {color:green} Patch does not have any anti-patterns. {color} | | {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} | | {color:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 1 new or modified test files. {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 13m 13s {color} | {color:green} master passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 43s {color} | {color:green} master passed with JDK v1.8.0 {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 37s {color} | {color:green} master passed with JDK v1.7.0_80 {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 21s {color} | {color:green} master passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 39s {color} | {color:green} master passed {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 2m 0s {color} | {color:green} master passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 52s {color} | {color:green} master passed with JDK v1.8.0 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 33s {color} | {color:green} master passed with JDK v1.7.0_80 {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 46s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 42s {color} | {color:green} the patch passed with JDK v1.8.0 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 42s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 37s {color} | {color:green} the patch passed with JDK v1.7.0_80 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 37s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 53s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 21s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green} Patch has no whitespace issues. {color} | | {color:green}+1{color} | {color:green} hadoopcheck {color} | {color:green} 32m 5s {color} | {color:green} Patch does not cause any errors with Hadoop 2.4.0 2.4.1 2.5.0 2.5.1 2.5.2 2.6.1 2.6.2 2.6.3 2.7.1. {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 2m 13s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 27s {color} | {color:green} the patch passed with JDK v1.8.0 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 34s {color} | {color:green} the patch passed with JDK v1.7.0_80 {color} | | {color:red}-1{color} | {color:red} unit {color} | {color:red} 122m 32s {color} | {color:red} hbase-server in the patch failed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 33s {color} | {color:green} Patch does not generate ASF License warnings. {color} | | {color:black} {color} | {color:black} {color} | {color:black} 182m 17s {color} | {color:black} {color} | \\ \\ || Reason || Tests || | Failed junit tests | hadoop.hbase.master.procedure.TestMasterFailoverWithProcedures | \\ \\ || Subsystem || Report/Notes || | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12820234/HBASE-16209-v2.patch | | JIRA Issue | HBASE-16209 | | Optional Tests | asflicense javac javadoc unit findbugs hadoopcheck hbaseanti checkstyle compile | | uname | Linux asf905.gq1.ygridcore.net 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 | /home/jenkins/jenkins-slave/workspace/PreCommit-HBASE-Build/component/dev-support/hbase-personality.sh | | git revision | master / bcf409e | | Default Java | 1.7.0_80 | | Multi-JDK versions | /usr/local/jenkins/java/jdk1.8.0:1.8.0 /home/jenkins/jenkins-slave/tools/hudson.model.JDK/JDK_1.7_latest_:1.7.0_80 | | findbugs | v3.0.0 | | unit | https://builds.apache.org/job/PreCommit-HBASE-Build/2777/artifact/patchprocess/patch-unit-hbase-server.txt | | unit test logs | https://builds.apache.org/job/PreCommit-HBASE-Build/2777/artifact/patchprocess/patch-unit-hbase-server.txt | | Test Results | https://builds.apache.org/job/PreCommit-HBASE-Build/2777/testReport/ | | modules | C: hbase-server U: hbase-server | | Console output | https://builds.apache.org/job/PreCommit-HBASE-Build/2777/console | | Powered by | Apache Yetus 0.2.1 http://yetus.apache.org | This message was automatically generated.

10. The failed test seems unrelated to the changes. Do you know if I could get some review on this diff? Thanks!

11. | (x) *{color:red}-1 overall{color}* | \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:red}-1{color} | {color:red} patch {color} | {color:red} 0m 6s {color} | {color:red} HBASE-16209 does not apply to branch-1. Rebase required? Wrong Branch? See https://yetus.apache.org/documentation/0.2.1/precommit-patchnames for help. {color} | \\ \\ || Subsystem || Report/Notes || | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12820529/HBASE-16209-branch-1.patch || JIRA Issue | HBASE-16209 || Console output | https://builds.apache.org/job/PreCommit-HBASE-Build/2791/console || Powered by | Apache Yetus 0.2.1 http://yetus.apache.org | This message was automatically generated.

12. | (x) *{color:red}-1 overall{color}* | \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:green}+1{color} | {color:green} hbaseanti {color} | {color:green} 0m 0s {color} | {color:green} Patch does not have any anti-patterns. {color} || {color:green}+1{color} | {color:green} @author {color} | {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} || {color:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 1 new or modified test files. {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 50s {color} | {color:green} branch-1 passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 42s {color} | {color:green} branch-1 passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 33s {color} | {color:green} branch-1 passed with JDK v1.7.0_25 {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 59s {color} | {color:green} branch-1 passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 20s {color} | {color:green} branch-1 passed {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 1m 54s {color} | {color:green} branch-1 passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 27s {color} | {color:green} branch-1 passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 29s {color} | {color:green} branch-1 passed with JDK v1.7.0_25 {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 45s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 40s {color} | {color:green} the patch passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 40s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 34s {color} | {color:green} the patch passed with JDK v1.7.0_25 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 34s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 59s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 21s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green} Patch has no whitespace issues. {color} || {color:green}+1{color} | {color:green} hadoopcheck {color} | {color:green} 16m 42s {color} | {color:green} Patch does not cause any errors with Hadoop 2.4.0 2.4.1 2.5.0 2.5.1 2.5.2 2.6.1 2.6.2 2.6.3 2.7.1. {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 2m 14s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 38s {color} | {color:green} the patch passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 28s {color} | {color:green} the patch passed with JDK v1.7.0_25 {color} || {color:red}-1{color} | {color:red} unit {color} | {color:red} 79m 14s {color} | {color:red} hbase-server in the patch failed. {color} || {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 17s {color} | {color:green} Patch does not generate ASF License warnings. {color} || {color:black}{color} | {color:black} {color} | {color:black} 110m 32s {color} | {color:black} {color} | \\ \\ || Reason || Tests || | Failed junit tests | hadoop.hbase.regionserver.TestRemoveRegionMetrics ||| hadoop.hbase.regionserver.TestRegionMergeTransactionOnCluster ||| hadoop.hbase.master.procedure.TestModifyTableProcedure ||| hadoop.hbase.regionserver.TestCompactionState ||| hadoop.hbase.regionserver.TestSplitTransactionOnCluster ||| hadoop.hbase.master.procedure.TestModifyColumnFamilyProcedure ||| hadoop.hbase.master.TestMasterFailover ||| hadoop.hbase.regionserver.TestRegionReplicaFailover ||| hadoop.hbase.master.TestAssignmentManagerOnCluster ||| hadoop.hbase.master.procedure.TestModifyNamespaceProcedure ||| hadoop.hbase.regionserver.TestServerCustomProtocol |||

hadoop.hbase.master.normalizer.TestSimpleRegionNormalizerOnCluster | | | hadoop.hbase.regionserver.compactions.TestFIFOCompactionPolicy | | | hadoop.hbase.regionserver.TestMultiColumnScanner | | | hadoop.hbase.master.TestMetaShutdownHandler | | | hadoop.hbase.regionserver.TestHRegion | | | hadoop.hbase.regionserver.TestHRegionOnCluster | | | hadoop.hbase.master.procedure.TestCreateTableProcedure | | Timed out junit tests | org.apache.hadoop.hbase.regionserver.wal..TestSecureWALReplay | | | org.apache.hadoop.hbase.master.procedure.TestServerCrashProcedure | | | org.apache.hadoop.hbase.regionserver.wal.TestWALReplay | | | org.apache.hadoop.hbase.master.TestDistributedLogSplitting | | | org.apache.hadoop.hbase.regionserver.TestPerColumnFamilyFlush | | | org.apache.hadoop.hbase.master.TestZKBasedOpenCloseRegion | | | org.apache.hadoop.hbase.regionserver.TestEncryptionKeyRotation | | | org.apache.hadoop.hbase.master.procedure.TestDeleteColumnFamilyProcedure | | | org.apache.hadoop.hbase.regionserver.TestHRegionServerBulkLoad | | | org.apache.hadoop.hbase.regionserver.wal.TestWALReplayCompressed | | | org.apache.hadoop.hbase.master.procedure.TestAddColumnFamilyProcedure | | | org.apache.hadoop.hbase.master.procedure.TestTruncateTableProcedure | \\ \\ || Subsystem || Report/Notes || | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12820548/HBASE-16209-branch-1.patch | | JIRA Issue | HBASE-16209 | | Optional Tests | asflicense javac javadoc unit findbugs hadoopcheck hbaseanti checkstyle compile | | uname | Linux asf900.gq1.ygridcore.net 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 | /home/jenkins/jenkins-slave/workspace/PreCommit-HBASE-Build@2/component/dev-support/hbase-personality.sh | | git revision | branch-1 / d349f64 | | Default Java | 1.7.0_25 | | Multi-JDK versions | /usr/local/jenkins/java/jdk1.8.0:1.8.0 /usr/local/jenkins/java/jdk1.7.0_25-64:1.7.0_25 | | findbugs | v3.0.0 | | unit | https://builds.apache.org/job/PreCommit-HBASE-Build/2794/artifact/patchprocess/patch-unit-hbase-server.txt | | unit test logs | https://builds.apache.org/job/PreCommit-HBASE-Build/2794/artifact/patchprocess/patch-unit-hbase-server.txt | | Test Results | https://builds.apache.org/job/PreCommit-HBASE-Build/2794/testReport/ | | modules | C: hbase-server U: hbase-server | | Console output | https://builds.apache.org/job/PreCommit-HBASE-Build/2794/console | | Powered by | Apache Yetus 0.2.1 http://yetus.apache.org | This message was automatically generated.

13. The Unit Tests seem to be failing because of an OOM error, running again

14. +1

15. sorry, late for the review.. but why are we doing another lookup for the region state? we are already looping on the region state... so the new "state" that we are looking up should be the same to the "rs" we are looping on, no? {code} <%for RegionState rs : rit %> + String name = rs.getRegion().getEncodedName(); + RegionState state = assignmentManager.getState(name); + AtomicInteger numOpenRetries = failedRegionTracker.get(name); {code}

16. Oh sorry, I must have overlooked that. I'll attach an addendum addressing this.

17. FAILURE: Integrated in HBase-Trunk_matrix #1318 (See [https://builds.apache.org/job/HBase-Trunk_matrix/1318/]) HBASE-16209 provide an ExponentialBackOffPolicy sleep between failed (eclark: rev fe44383619d0d11396382f2bfa493ad93c8b0e5f) * hbase-server/src/test/java/org/apache/hadoop/hbase/master/TestMasterStatusServlet.java * hbase-server/src/main/jamon/org/apache/hadoop/hbase/tmpl/master/AssignmentManagerStatusTmpl.jamon * hbase-server/src/main/java/org/apache/hadoop/hbase/master/RegionStates.java * hbase-server/src/main/java/org/apache/hadoop/hbase/master/AssignmentManager.java

18. +1 on the addendum

19. FAILURE: Integrated in HBase-1.4 #314 (See [https://builds.apache.org/job/HBase-1.4/314/]) Back port HBASE-16209 Provide an exponential back off policy in (eclark: rev 7c97acf6e345023f043964d023816d5b3329dde9) * hbase-server/src/main/java/org/apache/hadoop/hbase/master/handler/ClosedRegionHandler.java * hbase-server/src/main/java/org/apache/hadoop/hbase/master/RegionStates.java * hbase-server/src/test/java/org/apache/hadoop/hbase/master/TestMasterStatusServlet.java * hbase-server/src/main/jamon/org/apache/hadoop/hbase/tmpl/master/AssignmentManagerStatusTmpl.jamon * hbase-server/src/main/java/org/apache/hadoop/hbase/master/AssignmentManager.java

20. committed to branch-1 and master

21. | (x) *{color:red}-1 overall{color}* | \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:green}+1{color} | {color:green} hbaseanti {color} | {color:green} 0m 0s {color} | {color:green} Patch does not have any anti-patterns. {color} | | {color:green}+1{color} | {color:green} @author {color}

| {color:green} 0m 0s {color} | {color:green} The patch does not contain any @author tags. {color} || {color:green}+1{color} | {color:green} test4tests {color} | {color:green} 0m 0s {color} | {color:green} The patch appears to include 1 new or modified test files. {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 2m 1s {color} | {color:green} branch-1 passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 37s {color} | {color:green} branch-1 passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 33s {color} | {color:green} branch-1 passed with JDK v1.7.0_25 {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 58s {color} | {color:green} branch-1 passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 20s {color} | {color:green} branch-1 passed {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 1m 51s {color} | {color:green} branch-1 passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 27s {color} | {color:green} branch-1 passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 28s {color} | {color:green} branch-1 passed with JDK v1.7.0_25 {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 43s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 37s {color} | {color:green} the patch passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 37s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 32s {color} | {color:green} the patch passed with JDK v1.7.0_25 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 32s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 58s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 20s {color} | {color:green} the patch passed {color} || {color:red}-1{color} | {color:red} whitespace {color} | {color:red} 0m 0s {color} | {color:red} The patch has 1 line(s) that end in whitespace. Use git apply --whitespace=fix. {color} || {color:red}-1{color} | {color:red} hadoopcheck {color} | {color:red} 10m 20s {color} | {color:red} Patch causes 11 errors with Hadoop v2.6.1. {color} || {color:red}-1{color} | {color:red} hadoopcheck {color} | {color:red} 11m 40s {color} | {color:red} Patch causes 11 errors with Hadoop v2.6.2. {color} || {color:red}-1{color} | {color:red} hadoopcheck {color} | {color:red} 12m 59s {color} | {color:red} Patch causes 11 errors with Hadoop v2.6.3. {color} || {color:red}-1{color} | {color:red} hadoopcheck {color} | {color:red} 14m 19s {color} | {color:red} Patch causes 11 errors with Hadoop v2.7.1. {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 2m 8s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 35s {color} | {color:green} the patch passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 30s {color} | {color:green} the patch passed with JDK v1.7.0_25 {color} || {color:red}-1{color} | {color:red} unit {color} | {color:red} 139m 22s {color} | {color:red} hbase-server in the patch failed. {color} || {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 16s {color} | {color:green} Patch does not generate ASF License warnings. {color} || {color:black}{color} | {color:black} {color} | {color:black} 168m 10s {color} | {color:black} {color} | \\ \\ || Reason || Tests || | Failed junit tests | hadoop.hbase.master.TestAssignmentManagerOnCluster | | | hadoop.hbase.client.replication.TestReplicationAdminWithTwoDifferentZKClusters | | | hadoop.hbase.client.TestFromClientSide | | | hadoop.hbase.util.TestHBaseFsck | | | hadoop.hbase.regionserver.TestRegionMergeTransactionOnCluster | | | hadoop.hbase.TestPartialResultsFromClientSide | | | hadoop.hbase.master.TestMasterFailover | | | hadoop.hbase.security.access.TestAccessController | | | hadoop.hbase.client.TestFromClientSide3 | | | hadoop.hbase.client.TestMetaWithReplicas | | | hadoop.hbase.coprocessor.TestMasterObserver | | | hadoop.hbase.TestRegionRebalancing | | | hadoop.hbase.master.normalizer.TestSimpleRegionNormalizerOnCluster | | | hadoop.hbase.regionserver.TestHRegionOnCluster | | | hadoop.hbase.regionserver.TestRemoveRegionMetrics | | | hadoop.hbase.coprocessor.TestRegionObserverInterface | | | hadoop.hbase.client.TestFromClientSideWithCoprocessor | | Timed out junit tests | org.apache.hadoop.hbase.regionserver.wal.TestSecureWALReplay | | | org.apache.hadoop.hbase.master.procedure.TestModifyTableProcedure | | | org.apache.hadoop.hbase.regionserver.wal.TestWALReplay | | | org.apache.hadoop.hbase.master.TestTableLockManager | | | org.apache.hadoop.hbase.regionserver.TestSplitTransactionOnCluster | | | org.apache.hadoop.hbase.client.TestAdmin1 | | |

org.apache.hadoop.hbase.io.encoding.TestChangingEncoding | | | org.apache.hadoop.hbase.master.TestZKBasedOpenCloseRegion | | | org.apache.hadoop.hbase.client.TestHCM | | | org.apache.hadoop.hbase.regionserver.TestClusterId | | | org.apache.hadoop.hbase.snapshot.TestFlushSnapshotFromClient | | | org.apache.hadoop.hbase.regionserver.TestEncryptionKeyRotation | | | org.apache.hadoop.hbase.client.replication.TestReplicationAdminWithClusters | | | org.apache.hadoop.hbase.master.procedure.TestModifyColumnFamilyProcedure | | | org.apache.hadoop.hbase.master.procedure.TestDeleteColumnFamilyProcedure | | | org.apache.hadoop.hbase.regionserver.wal.TestWALReplayCompressed | | | org.apache.hadoop.hbase.master.procedure.TestAddColumnFamilyProcedure | \\ \\ || Subsystem || Report/Notes || | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12821073/HBASE-16209-branch-1-addendum.patch | | JIRA Issue | HBASE-16209 | | Optional Tests | asflicense javac javadoc unit findbugs hadoopcheck hbaseanti checkstyle compile | | uname | Linux asf907.gq1.ygridcore.net 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 | /home/jenkins/jenkins-slave/workspace/PreCommit-HBASE-Build/component/dev-support/hbase-personality.sh | | git revision | branch-1 / 7c97acf | | Default Java | 1.7.0_25 | | Multi-JDK versions | /usr/local/jenkins/java/jdk1.8.0:1.8.0 /usr/local/jenkins/java/jdk1.7.0_25-64:1.7.0_25 | | findbugs | v3.0.0 | | whitespace | https://builds.apache.org/job/PreCommit-HBASE-Build/2827/artifact/patchprocess/whitespace-eol.txt | | unit | https://builds.apache.org/job/PreCommit-HBASE-Build/2827/artifact/patchprocess/patch-unit-hbase-server.txt | | unit test logs | https://builds.apache.org/job/PreCommit-HBASE-Build/2827/artifact/patchprocess/patch-unit-hbase-server.txt | | Test Results | https://builds.apache.org/job/PreCommit-HBASE-Build/2827/testReport/ | | modules | C: hbase-server U: hbase-server | | Console output | https://builds.apache.org/job/PreCommit-HBASE-Build/2827/console | | Powered by | Apache Yetus 0.2.1 http://yetus.apache.org | This message was automatically generated.

22. Oh sorry, I hadn't attached my addendum for the Master branch. Also should I submit another patch for the whitespace issue on branch-1?

23. i took care of both on commit

24. Oh ok cool, thanks!

25. FAILURE: Integrated in HBase-Trunk_matrix #1320 (See [https://builds.apache.org/job/HBase-Trunk_matrix/1320/]) HBASE-16209 Removed unnecessary method and method calls from (matteo.bertozzi: rev 3729320099eaaab8ef19c9772a24ae5ba868beea) * hbase-server/src/test/java/org/apache/hadoop/hbase/master/TestMasterStatusServlet.java * hbase-server/src/main/jamon/org/apache/hadoop/hbase/tmpl/master/AssignmentManagerStatusTmpl.jamon * hbase-server/src/main/java/org/apache/hadoop/hbase/master/AssignmentManager.java

26. FAILURE: Integrated in HBase-1.4 #316 (See [https://builds.apache.org/job/HBase-1.4/316/]) HBASE-16209 Removed unnecessary method and method calls from (matteo.bertozzi: rev 39153b88249ed63ed35b2b88fcc75eb1452951a8) * hbase-server/src/main/java/org/apache/hadoop/hbase/master/AssignmentManager.java * hbase-server/src/test/java/org/apache/hadoop/hbase/master/TestMasterStatusServlet.java * hbase-server/src/main/jamon/org/apache/hadoop/hbase/tmpl/master/AssignmentManagerStatusTmpl.jamon

27. This causes a large set of UTs to fail on branch-1. See here https://builds.apache.org/job/HBase-1.4/314/ Maybe that we missed something when backporting?

28. Addendum fix the region move problem. Will push it to branch-1 to solve the problem right now. You guys can open new issues if you have better solutions. Thanks.

29. Pushed to branch-1.

30. FAILURE: Integrated in HBase-1.4 #317 (See [https://builds.apache.org/job/HBase-1.4/317/]) HBASE-16209 addendum fix region move delay (zhangduo: rev c46f56b382ca1023c097326acda275e615b6c4e0) * hbase-server/src/main/java/org/apache/hadoop/hbase/master/AssignmentManager.java * hbase-server/src/main/java/org/apache/hadoop/hbase/master/handler/ClosedRegionHandler.java

31. Sorry I misread the second parameter of invokeAssign... It is different from the assign method(invokeAssign is {{newPlan}} and assign is {{setOfflineInZK}})... Let me prepare a new addendum...

32. Pushed to branch-1.

33. SUCCESS: Integrated in HBase-1.4 #319 (See [https://builds.apache.org/job/HBase-1.4/319/]) Revert "HBASE-16209 addendum fix region move delay" (zhangduo: rev 51c8c1891a4d679ed22285f22c8f55a2f255974a) * hbase-server/src/main/java/org/apache/hadoop/hbase/master/handler/ClosedRegionHandler.java * hbase-server/src/main/java/org/apache/hadoop/hbase/master/AssignmentManager.java HBASE-16209

addendum fix region move delay (zhangduo: rev 1b303ad75d4fed773eeab1f5c3d63691843ae9ac) * hbase-server/src/main/java/org/apache/hadoop/hbase/master/handler/ClosedRegionHandler.java * hbase-server/src/main/java/org/apache/hadoop/hbase/master/AssignmentManager.java

34. Oh thanks for catching this [~Apache9]! I found that the bug seemed to be that I was not checking if the map contained the regionName before getting it and this was causing a null pointer exception. Altering this code seems to resolve the Unit Tests. I was just reading through the code and kind of curious why we do not use the newPlan option for reassigning? And is it ok for me to resubmit this patch here after making this change?

35. Rerunning these tests after bug fix

36. Just running the unit tests after making the changes discussed above

37. | (x) *{color:red}-1 overall{color}* | \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:red}-1{color} | {color:red} patch {color} | {color:red} 0m 5s {color} | {color:red} HBASE-16209 does not apply to branch-1. Rebase required? Wrong Branch? See https://yetus.apache.org/documentation/0.2.1/precommit-patchnames for help. {color} | \\ \\ || Subsystem || Report/Notes || | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12821377/HBASE-16209-branch-1-v3.patch | | JIRA Issue | HBASE-16209 | | Console output | https://builds.apache.org/job/PreCommit-HBASE-Build/2868/console | | Powered by | Apache Yetus 0.2.1 http://yetus.apache.org | This message was automatically generated.

38. Rebased on the lastest Branch-1

39. It is forceNewPlan, which means we must generate a new plan even if we already have one. I think we should change the parameter name of invokeAssign method to forceNewPlan to avoid misunderstanding. Thanks.

40. Why do you want to call invokeAssignLaterOnFailure in ClosedRegionHandler? There is no exception here right?

41. And in my experience，there is no NPE. The problem is that the when moving a region, the region is not online quick enough after offline, this causes a lot of UT to fail. I found the problem is that we call invokeAssignLater in ClosedRegionHandler, this add a delay before assigning the region to a new place. The original implementation is to call assign directly. Any reasons why we should change it to invokeLater? Thanks very much.

42. Oh sorry, I think a lot of these changes are in response to HBASE-16138, where we are working under the assumption that many region opens will be failed until the Replication Table regions are up, which could take a bit of time. The sleep would just allow us more control over how long we would retry opening a region and not flooding the RegionServer with requests. In terms of the error, I think closedRegionHandler is sometimes used for closing/reassigning regions that were not failed_open, because of that they would not have a failed_open counter, so when we tried to call get() on the failed_open counter inside of invokeAssignLaterOnFailure() we got an NPE that would prevent us from handling closed regions and leading to timed out tests. I think the default initial and max sleep period is also set to 0 ms, so I don't think it should slow down the tests that much? I ran a few of the failed tests on my laptop and they passed, but I am still waiting on the Unit Tests. Do you have any comments/suggestions? Thanks!

43. Running tests

44. | (x) *{color:red}-1 overall{color}* | \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:green}+1{color} | {color:green} hbaseanti {color} | {color:green} 0m 0s {color} | {color:green} Patch does not have any anti-patterns. {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:red}-1{color} | {color:red} mvninstall {color} | {color:red} 1m 57s {color} | {color:red} root in branch-1 failed. {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 42s {color} | {color:green} branch-1 passed with JDK v1.8.0 {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 40s {color} | {color:green} branch-1 passed with JDK v1.7.0_80 {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 5s {color} | {color:green} branch-1 passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 25s {color} | {color:green} branch-1 passed {color} | | {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 23s {color} | {color:red} hbase-server in branch-1 failed. {color} | | {color:red}-1{color} | {color:red} javadoc {color} | {color:red} 0m 20s {color} | {color:red} hbase-server in branch-1 failed with JDK v1.8.0. {color} | | {color:red}-1{color} | {color:red} javadoc

{color} | {color:red} 0m 12s {color} | {color:red} hbase-server in branch-1 failed with JDK v1.7.0_80. {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 52s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 44s {color} | {color:green} the patch passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 44s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 40s {color} | {color:green} the patch passed with JDK v1.7.0_80 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 40s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 5s {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} Patch has no whitespace issues. {color} || {color:red}-1{color} | {color:red} hadoopcheck {color} | {color:red} 1m 46s {color} | {color:red} Patch causes 10 errors with Hadoop v2.4.0. {color} || {color:red}-1{color} | {color:red} hadoopcheck {color} | {color:red} 3m 28s {color} | {color:red} Patch causes 10 errors with Hadoop v2.4.1. {color} || {color:red}-1{color} | {color:red} hadoopcheck {color} | {color:red} 5m 11s {color} | {color:red} Patch causes 10 errors with Hadoop v2.5.0. {color} || {color:red}-1{color} | {color:red} hadoopcheck {color} | {color:red} 6m 55s {color} | {color:red} Patch causes 10 errors with Hadoop v2.5.1. {color} || {color:red}-1{color} | {color:red} hadoopcheck {color} | {color:red} 8m 37s {color} | {color:red} Patch causes 10 errors with Hadoop v2.5.2. {color} || {color:red}-1{color} | {color:red} hadoopcheck {color} | {color:red} 10m 20s {color} | {color:red} Patch causes 10 errors with Hadoop v2.6.1. {color} || {color:red}-1{color} | {color:red} hadoopcheck {color} | {color:red} 12m 4s {color} | {color:red} Patch causes 10 errors with Hadoop v2.6.2. {color} || {color:red}-1{color} | {color:red} hadoopcheck {color} | {color:red} 13m 50s {color} | {color:red} Patch causes 10 errors with Hadoop v2.6.3. {color} || {color:red}-1{color} | {color:red} hadoopcheck {color} | {color:red} 15m 36s {color} | {color:red} Patch causes 10 errors with Hadoop v2.7.1. {color} || {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 0m 21s {color} | {color:red} hbase-server in the patch failed. {color} || {color:red}-1{color} | {color:red} javadoc {color} | {color:red} 0m 18s {color} | {color:red} hbase-server in the patch failed with JDK v1.8.0. {color} || {color:red}-1{color} | {color:red} javadoc {color} | {color:red} 0m 12s {color} | {color:red} hbase-server in the patch failed with JDK v1.7.0_80. {color} || {color:red}-1{color} | {color:red} unit {color} | {color:red} 1m 21s {color} | {color:red} hbase-server in the patch failed. {color} || {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 10s {color} | {color:green} Patch does not generate ASF License warnings. {color} || {color:black}{color} | {color:black} {color} | {color:black} 27m 41s {color} | {color:black} {color} | \\ \\ || Subsystem || Report/Notes || JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12821653/HBASE-16209-branch-1-v3.patch || JIRA Issue | HBASE-16209 || Optional Tests | asflicense javac javadoc unit findbugs hadoopcheck hbaseanti checkstyle compile || uname | Linux asf900.gq1.ygridcore.net 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 | /home/jenkins/jenkins-slave/workspace/PreCommit-HBASE-Build/component/dev-support/hbase-personality.sh || git revision | branch-1 / dc56aa2 || Default Java | 1.7.0_80 || Multi-JDK versions | /usr/local/jenkins/java/jdk1.8.0:1.8.0 /usr/local/asfpackages/java/jdk1.7.0_80:1.7.0_80 || mvninstall | https://builds.apache.org/job/PreCommit-HBASE-Build/2891/artifact/patchprocess/branch-mvninstall-root.txt || findbugs | https://builds.apache.org/job/PreCommit-HBASE-Build/2891/artifact/patchprocess/branch-findbugs-hbase-server.txt || javadoc | https://builds.apache.org/job/PreCommit-HBASE-Build/2891/artifact/patchprocess/branch-javadoc-hbase-server-jdk1.8.0.txt || javadoc | https://builds.apache.org/job/PreCommit-HBASE-Build/2891/artifact/patchprocess/branch-javadoc-hbase-server-jdk1.7.0_80.txt || findbugs | https://builds.apache.org/job/PreCommit-HBASE-Build/2891/artifact/patchprocess/patch-findbugs-hbase-server.txt || javadoc | https://builds.apache.org/job/PreCommit-HBASE-Build/2891/artifact/patchprocess/patch-javadoc-hbase-server-jdk1.8.0.txt || javadoc | https://builds.apache.org/job/PreCommit-HBASE-Build/2891/artifact/patchprocess/patch-javadoc-hbase-server-jdk1.7.0_80.txt || unit | https://builds.apache.org/job/PreCommit-HBASE-Build/2891/artifact/patchprocess/patch-unit-hbase-server.txt || Test Results | https://builds.apache.org/job/PreCommit-HBASE-Build/2891/testReport/ || modules | C: hbase-server U: hbase-server || Console output | https://builds.apache.org/job/PreCommit-HBASE-Build/2891/console || Powered by | Apache Yetus 0.2.1 http://yetus.apache.org | This message was automatically generated.

45. Last test failed because of OOM while building. Trying again

46. If there is no failure then we should not call invokeLaterOnFailure I think? And for a region move, we should call assign ASAP after the region is closed. Yeah you can add a exponential backoff between retries, but it does not make sense to add a delay for the first try I think? That's why I change it to invokeAssign. We can switch the execution of an assign task to another thread, but I do not think we should add a delay here. Thanks.
47. In this case do you think it would be ok if the invokeLaterOnFailure just had a policy where the initial retry sleep is 0 milliseconds and if no failureTracker is found we default to 0 milliseconds. Or if we even called invokeAssign directly in the case where no failureTracker is found inside of invokeLaterOnFailure? This would allow us to fast retry any non-failed open request. Thanks!
48. I think the latter implementation(call invoke assign directly if no failure) is OK as the failure information is recorded with a tracker. But I think we need to change the method name then. invokeAssign -> invokeAssignNow, this means invoke assign without delay invokeAssignOnFailure -> invokeAssign, this is a general invoke assign method, in this method we will decide to call invokeAssignNow or invokeAssignLater. What do you think? Thanks.
49. Ok, sounds good! I will make those changes and resubmit a new patch. Thanks for the feedback :)
50. Changes suggested Duo Zhang
51. | (x) *{color:red}-1 overall{color}* | \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:green}+1{color} | {color:green} hbaseanti {color} | {color:green} 0m 0s {color} | {color:green} Patch does not have any anti-patterns. {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:green}+1{color} | {color:green} mvninstall {color} | {color:green} 8m 0s {color} | {color:green} branch-1 passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 41s {color} | {color:green} branch-1 passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 36s {color} | {color:green} branch-1 passed with JDK v1.7.0_80 {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 13s {color} | {color:green} branch-1 passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 28s {color} | {color:green} branch-1 passed {color} || {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 1m 58s {color} | {color:green} branch-1 passed {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 40s {color} | {color:green} branch-1 passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 32s {color} | {color:green} branch-1 passed with JDK v1.7.0_80 {color} || {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 50s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 40s {color} | {color:green} the patch passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 40s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 38s {color} | {color:green} the patch passed with JDK v1.7.0_80 {color} || {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 38s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 1s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 21s {color} | {color:green} the patch passed {color} || {color:green}+1{color} | {color:green} whitespace {color} | {color:green} 0m 0s {color} | {color:green} Patch has no whitespace issues. {color} || {color:green}+1{color} | {color:green} hadoopcheck {color} | {color:green} 20m 34s {color} | {color:green} Patch does not cause any errors with Hadoop 2.4.0 2.4.1 2.5.0 2.5.1 2.5.2 2.6.1 2.6.2 2.6.3 2.7.1. {color} || {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 2m 37s {color} | {color:red} hbase-server generated 1 new + 0 unchanged - 0 fixed = 1 total (was 0) {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 31s {color} | {color:green} the patch passed with JDK v1.8.0 {color} || {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 37s {color} | {color:green} the patch passed with JDK v1.7.0_80 {color} || {color:red}-1{color} | {color:red} unit {color} | {color:red} 107m 39s {color} | {color:red} hbase-server in the patch failed. {color} || {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 23s {color} | {color:green} Patch does not generate ASF License warnings. {color} || {color:black} {color} | {color:black} {color} | {color:black} 150m 26s {color} | {color:black} {color} | \\ \\ || Reason || Tests || | FindBugs | module:hbase-server | | | byte[] is incompatible with expected argument type java.util.concurrent.atomic.AtomicInteger in org.apache.hadoop.hbase.master.AssignmentManager.invokeAssign(HRegionInfo, boolean) At

AssignmentManager.java:argument type java.util.concurrent.atomic.AtomicInteger in org.apache.hadoop.hbase.master.AssignmentManager.invokeAssign(HRegionInfo, boolean) At AssignmentManager.java:[line 3425] | | Failed junit tests | hadoop.hbase.TestPartialResultsFromClientSide | \\ \\ || Subsystem || Report/Notes || | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12821870/HBASE-16209-branch-1-v4.patch | | JIRA Issue | HBASE-16209 | | Optional Tests | asflicense javac javadoc unit findbugs hadoopcheck hbaseanti checkstyle compile | | uname | Linux asf905.gq1.ygridcore.net 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 | /home/jenkins/jenkins-slave/workspace/PreCommit-HBASE-Build/component/dev-support/hbase-personality.sh | | git revision | branch-1 / b06119e | | Default Java | 1.7.0_80 | | Multi-JDK versions | /usr/local/jenkins/java/jdk1.8.0:1.8.0 /usr/local/asfpackages/java/jdk1.7.0_80:1.7.0_80 | | findbugs | v3.0.0 | | findbugs | https://builds.apache.org/job/PreCommit-HBASE-Build/2909/artifact/patchprocess/new-findbugs-hbase-server.html | | unit | https://builds.apache.org/job/PreCommit-HBASE-Build/2909/artifact/patchprocess/patch-unit-hbase-server.txt | | unit test logs | https://builds.apache.org/job/PreCommit-HBASE-Build/2909/artifact/patchprocess/patch-unit-hbase-server.txt | | Test Results | https://builds.apache.org/job/PreCommit-HBASE-Build/2909/testReport/ | | modules | C: hbase-server U: hbase-server | | Console output | https://builds.apache.org/job/PreCommit-HBASE-Build/2909/console | | Powered by | Apache Yetus 0.2.1 http://yetus.apache.org | This message was automatically generated.

52. Fix small bug

53. | (x) *{color:red}-1 overall{color}* | \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:green}+1{color} | {color:green} hbaseanti {color} | {color:green} 0m 0s {color} | {color:green} Patch does not have any anti-patterns. {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:green}+1{color} | {color:green} mvninstall {color} | {color:green} 8m 10s {color} | {color:green} branch-1 passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 42s {color} | {color:green} branch-1 passed with JDK v1.8.0 {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 37s {color} | {color:green} branch-1 passed with JDK v1.7.0_80 {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 12s {color} | {color:green} branch-1 passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 28s {color} | {color:green} branch-1 passed {color} | | {color:green}+1{color} | {color:green} findbugs {color} | {color:green} 2m 3s {color} | {color:green} branch-1 passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 38s {color} | {color:green} branch-1 passed with JDK v1.8.0 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 38s {color} | {color:green} branch-1 passed with JDK v1.7.0_80 {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 1m 0s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 54s {color} | {color:green} the patch passed with JDK v1.8.0 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 54s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 43s {color} | {color:green} the patch passed with JDK v1.7.0_80 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 43s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 12s {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} Patch has no whitespace issues. {color} | | {color:green}+1{color} | {color:green} hadoopcheck {color} | {color:green} 19m 49s {color} | {color:green} Patch does not cause any errors with Hadoop 2.4.0 2.4.1 2.5.0 2.5.1 2.5.2 2.6.1 2.6.2 2.6.3 2.7.1. {color} | | {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 2m 44s {color} | {color:red} hbase-server generated 1 new + 0 unchanged - 0 fixed = 1 total (was 0) {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 34s {color} | {color:green} the patch passed with JDK v1.8.0 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 39s {color} | {color:green} the patch passed with JDK v1.7.0_80 {color} | | {color:red}-1{color} | {color:red} unit {color} | {color:red} 87m 26s {color} | {color:red} hbase-server in the patch failed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 21s {color} | {color:green} Patch does not generate ASF License warnings. {color} | | {color:black}

{color} | {color:black} {color} | {color:black} 130m 46s {color} | {color:black} {color} | \\ \\ || Reason || Tests || | FindBugs | module:hbase-server | | | String is incompatible with expected argument type java.util.concurrent.atomic.AtomicInteger in org.apache.hadoop.hbase.master.AssignmentManager.invokeAssign(HRegionInfo, boolean) At AssignmentManager.java:argument type java.util.concurrent.atomic.AtomicInteger in org.apache.hadoop.hbase.master.AssignmentManager.invokeAssign(HRegionInfo, boolean) At AssignmentManager.java:[line 3425] | | Failed junit tests | hadoop.hbase.TestPartialResultsFromClientSide | \\ \\ || Subsystem || Report/Notes || | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12821920/HBASE-16209-branch-1-v5.patch | | JIRA Issue | HBASE-16209 | | Optional Tests | asflicense javac javadoc unit findbugs hadoopcheck hbaseanti checkstyle compile | | uname | Linux asf906.gq1.ygridcore.net 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 | /home/jenkins/jenkins-slave/workspace/PreCommit-HBASE-Build@2/component/dev-support/hbase-personality.sh | | git revision | branch-1 / 12549de | | Default Java | 1.7.0_80 | | Multi-JDK versions | /usr/local/jenkins/java/jdk1.8.0:1.8.0 /usr/local/asfpackages/java/jdk1.7.0_80:1.7.0_80 | | findbugs | v3.0.0 | | findbugs | https://builds.apache.org/job/PreCommit-HBASE-Build/2914/artifact/patchprocess/new-findbugs-hbase-server.html | | unit | https://builds.apache.org/job/PreCommit-HBASE-Build/2914/artifact/patchprocess/patch-unit-hbase-server.txt | | unit test logs | https://builds.apache.org/job/PreCommit-HBASE-Build/2914/artifact/patchprocess/patch-unit-hbase-server.txt | | Test Results | https://builds.apache.org/job/PreCommit-HBASE-Build/2914/testReport/ | | modules | C: hbase-server U: hbase-server | | Console output | https://builds.apache.org/job/PreCommit-HBASE-Build/2914/console | | Powered by | Apache Yetus 0.2.1 http://yetus.apache.org | This message was automatically generated.

54. +1 on v5 after you fix the findbugs issue. Thanks.

55. This has been open for a while now. I can't repro the findbugs warning locally, and can't really see why it's complaining! HBASE-16209-addendum.v6.branch-1: Rebasing the patch to current branch-1.

56. | (x) *{color:red}-1 overall{color}* | \\ \\ || Vote || Subsystem || Runtime || Comment || | {color:blue}0{color} | {color:blue} reexec {color} | {color:blue} 19m 6s {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:green}+1{color} | {color:green} mvninstall {color} | {color:green} 7m 17s {color} | {color:green} branch-1 passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 33s {color} | {color:green} branch-1 passed with JDK v1.8.0_111 {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 36s {color} | {color:green} branch-1 passed with JDK v1.7.0_80 {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 1m 1s {color} | {color:green} branch-1 passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 22s {color} | {color:green} branch-1 passed {color} | | {color:red}-1{color} | {color:red} findbugs {color} | {color:red} 2m 5s {color} | {color:red} hbase-server in branch-1 has 2 extant Findbugs warnings. {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 33s {color} | {color:green} branch-1 passed with JDK v1.8.0_111 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 36s {color} | {color:green} branch-1 passed with JDK v1.7.0_80 {color} | | {color:green}+1{color} | {color:green} mvninstall {color} | {color:green} 0m 45s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 37s {color} | {color:green} the patch passed with JDK v1.8.0_111 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 37s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} compile {color} | {color:green} 0m 35s {color} | {color:green} the patch passed with JDK v1.7.0_80 {color} | | {color:green}+1{color} | {color:green} javac {color} | {color:green} 0m 35s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} checkstyle {color} | {color:green} 0m 56s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} mvneclipse {color} | {color:green} 0m 19s {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} hadoopcheck {color} | {color:green} 16m 17s {color} | {color:green} The patch does not cause any errors with Hadoop 2.4.0 2.4.1 2.5.0 2.5.1 2.5.2 2.6.1 2.6.2 2.6.3 2.7.1. {color} | | {color:green}+1{color} | {color:green} hbaseprotoc {color} | {color:green} 0m 15s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} findbugs

{color} | {color:green} 2m 19s {color} | {color:green} the patch passed {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 29s {color} | {color:green} the patch passed with JDK v1.8.0_111 {color} | | {color:green}+1{color} | {color:green} javadoc {color} | {color:green} 0m 37s {color} | {color:green} the patch passed with JDK v1.7.0_80 {color} | | {color:red}-1{color} | {color:red} unit {color} | {color:red} 109m 8s {color} | {color:red} hbase-server in the patch failed. {color} | | {color:green}+1{color} | {color:green} asflicense {color} | {color:green} 0m 25s {color} | {color:green} The patch does not generate ASF License warnings. {color} | | {color:black}{color} | {color:black} {color} | {color:black} 165m 21s {color} | {color:black} {color} | \\ \\ || Reason || Tests || | Failed junit tests | hadoop.hbase.regionserver.TestSplitTransactionOnCluster | \\ \\ || Subsystem || Report/Notes || | Docker | Client=1.12.2 Server=1.12.2 Image:yetus/hbase:e01ee2f | | JIRA Patch URL | https://issues.apache.org/jira/secure/attachment/12840959/HBASE-16209-addendum.v6.branch-1.patch | | JIRA Issue | HBASE-16209 | | Optional Tests | asflicense javac javadoc unit findbugs hadoopcheck hbaseanti checkstyle compile | | uname | Linux c2f2b803593f 3.13.0-100-generic #147-Ubuntu SMP Tue Oct 18 16:48:51 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux | | Build tool | maven | | Personality | /testptch/patchprocess/precommit/personality/hbase.sh | | git revision | branch-1 / b8da9f8 | | Default Java | 1.7.0_80 | | Multi-JDK versions | /usr/lib/jvm/java-8-oracle:1.8.0_111 /usr/lib/jvm/java-7-oracle:1.7.0_80 | | findbugs | v3.0.0 | | findbugs | https://builds.apache.org/job/PreCommit-HBASE-Build/4695/artifact/patchprocess/branch-findbugs-hbase-server-warnings.html | | unit | https://builds.apache.org/job/PreCommit-HBASE-Build/4695/artifact/patchprocess/patch-unit-hbase-server.txt | | unit test logs | https://builds.apache.org/job/PreCommit-HBASE-Build/4695/artifact/patchprocess/patch-unit-hbase-server.txt | | Test Results | https://builds.apache.org/job/PreCommit-HBASE-Build/4695/testReport/ | | modules | C: hbase-server U: hbase-server | | Console output | https://builds.apache.org/job/PreCommit-HBASE-Build/4695/console | | Powered by | Apache Yetus 0.3.0 http://yetus.apache.org | This message was automatically generated.
57. The new findbugs warnings and the failed (timed out) unit test are unrelated to the patch.
58. [~Apache9] Does the addendum to branch-1 look good?
59. +1. Let me commit and resolve this issue.
60. Pushed the addendum to branch-1. Thanks [~ashu210890] for the contribution.
61. FAILURE: Integrated in Jenkins build HBase-1.4 #557 (See [https://builds.apache.org/job/HBase-1.4/557/]) Addendum HBASE-16209: Add an ExponentialBackOffPolicy so that we spread (zhangduo: rev cbdc9fcb8a705f4e5ee28a917a335c6f1ef5df42) * (edit) hbase-server/src/main/java/org/apache/hadoop/hbase/master/AssignmentManager.java