

git_comments:

1. HBASE-13776 Setting illegal versions for HColumnDescriptor does not throw IllegalArgumentException check minVersions <= maxVersions
2. HBASE-13776 Setting illegal versions for HColumnDescriptor does not throw IllegalArgumentException finally, minVersions must be less than or equal to maxVersions

git_commits:

1. **summary:** HBASE-13776 Setting illegal versions for HColumnDescriptor does not throw IllegalArgumentException (Yuhao Bi)
message: HBASE-13776 Setting illegal versions for HColumnDescriptor does not throw IllegalArgumentException (Yuhao Bi)

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

1. **summary:** Setting illegal versions for HColumnDescriptor does not throw IllegalArgumentException
description: HColumnDescriptor hcd = new HColumnDescriptor(new HColumnDescriptor(HConstants.CATALOG_FAMILY) .setInMemory(true) .setScope(HConstants.REPLICATION_SCOPE_LOCAL) .setBloomFilterType(BloomType.NONE) .setCacheDataInL1(true)); final int minVersions = 123; final int maxVersions = 234; hcd.setMaxVersions(minVersions); hcd.setMinVersions(maxVersions); //no exception throw

jira_issues_comments:

1. When you try to use this HCD in create/alter table exception is getting thrown?
2. when I trying to create a test table with this HColumnDescriptor, there is no exception thrown. And, describe that table it shows "VERSIONS => '234',... MIN_VERSIONS => '123'". If you setMinVersions first, you will got an IllegalArgumentException exception, because setMaxVersions checked the value before it set.
3. when I trying to create a test table with this HColumnDescriptor, there is no exception thrown. And, describe that table it shows "VERSIONS => '123',... MIN_VERSIONS => '234'". In this case Min_VERSIONS is 234, sorry about that. If you setMinVersions first, you will got an IllegalArgumentException exception, because setMaxVersions checked the value before it set.
4. when I trying to create a test table with this HColumnDescriptor, there is no exception thrown. And, describe that table it shows "VERSIONS => '123',... MIN_VERSIONS => '234'". In this case Min_VERSIONS is 234, sorry about that. If you setMinVersions first, you will got an IllegalArgumentException exception, because setMaxVersions checked the value before it set.
5. You are planning to give a patch for this?
6. In HMaster, sanity check test min versions <0.. It should check max_versions>=min_versions also.
7. I have no experience about contribute to the community. But yes, I'm willing to give a try, and I will do my best.
8. **body:** {color:red}-1 overall{color}. Here are the results of testing the latest attachment <http://issues.apache.org/jira/secure/attachment/12735881/HBASE-13776.patch> against master branch at commit e9afc9a267b0a8579840145f1dc584fd246d0fbc. ATTACHMENT ID: 12735881 {color:green}+1 @author{color}. The patch does not contain any @author tags. {color:red}-1 tests included{color}. 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:green}+1 hadoop versions{color}. The patch compiles with all supported hadoop versions (2.4.1 2.5.2 2.6.0) {color:green}+1 javac{color}. The applied patch does not increase the total number of javac compiler warnings. {color:green}+1 protoc{color}. The applied patch does not increase the total number of protoc compiler warnings. {color:green}+1 javadoc{color}. The javadoc tool did not generate any warning messages. {color:green}+1 checkstyle{color}. The applied patch does not increase the total number of checkstyle errors {color:green}+1 findbugs{color}. The patch does not introduce any new Findbugs (version 2.0.3) warnings. {color:green}+1 release audit{color}. The applied patch does not increase the total number of release audit warnings. {color:green}+1 lineLengths{color}. The patch does not introduce lines longer than 100 {color:green}+1 site{color}. The mvn site goal succeeds with this patch. {color:green}+1 core tests{color}. The patch passed unit tests in . Test results: <https://builds.apache.org/job/PreCommit-HBASE-Build/14220/testReport/> Release Findbugs (version 2.0.3) warnings: <https://builds.apache.org/job/PreCommit-HBASE-Build/14220/artifact/patchprocess/newFindbugsWarnings.html> Checkstyle Errors: <https://builds.apache.org/job/PreCommit-HBASE-Build/14220/artifact/patchprocess/checkstyle->

aggregate.html Console output: <https://builds.apache.org/job/PreCommit-HBASE-Build/14220//console> This message is automatically generated.

label: code-design

9. **body:** lgtn [~byh0831]: Is it possible to add a unit test so that there is no regression in the future ?

label: test

10. **body:** Can we add the wrong values of min and max versions configured, in the message? Yes pls add a test to cover this scenario. Thanks.

label: test

11. Add test case in TestFromClientSide.java

12. Hi, I added a test case in TestFromClientSide.java as you suggested. Thanks for the review.

13. {color:red}-1 overall{color}. Here are the results of testing the latest attachment

<http://issues.apache.org/jira/secure/attachment/12736074/HBASE-13776-v1.patch> against master branch at commit 325614220f1c208b0846001f903888660096cdb1. ATTACHMENT ID: 12736074 {color:green}+1 @author{color}. The patch does not contain any @author tags. {color:green}+1 tests included{color}. The patch appears to include 4 new or modified tests. {color:green}+1 hadoop versions{color}. The patch compiles with all supported hadoop versions (2.4.1 2.5.2 2.6.0) {color:green}+1 javac{color}. The applied patch does not increase the total number of javac compiler warnings. {color:green}+1 protoc{color}. The applied patch does not increase the total number of protoc compiler warnings. {color:green}+1 javadoc{color}. The javadoc tool did not generate any warning messages. {color:green}+1 checkstyle{color}. The applied patch does not increase the total number of checkstyle errors {color:green}+1 findbugs{color}. The patch does not introduce any new Findbugs (version 2.0.3) warnings. {color:green}+1 release audit{color}. The applied patch does not increase the total number of release audit warnings. {color:green}+1 lineLengths{color}. The patch does not introduce lines longer than 100 {color:green}+1 site{color}. The mvn site goal succeeds with this patch. {color:red}-1 core tests{color}. The patch failed these unit tests: org.apache.hadoop.hbase.client.TestFromClientSide org.apache.hadoop.hbase.client.TestFromClientSideWithCoprocessor Test results: <https://builds.apache.org/job/PreCommit-HBASE-Build/14233//testReport/> Release Findbugs (version 2.0.3) warnings: <https://builds.apache.org/job/PreCommit-HBASE-Build/14233//artifact/patchprocess/newFindbugsWarnings.html> Checkstyle Errors: <https://builds.apache.org/job/PreCommit-HBASE-Build/14233//artifact/patchprocess/checkstyle-aggregate.html> Console output: <https://builds.apache.org/job/PreCommit-HBASE-Build/14233//console> This message is automatically generated.

14. Fix test case failure

15. **body:** {color:red}-1 overall{color}. Here are the results of testing the latest attachment

<http://issues.apache.org/jira/secure/attachment/12736113/HBASE-13776-v2.patch> against master branch at commit cca687d718df9c8580820292e309275e30a4111d. ATTACHMENT ID: 12736113 {color:green}+1 @author{color}. The patch does not contain any @author tags. {color:green}+1 tests included{color}. The patch appears to include 4 new or modified tests. {color:green}+1 hadoop versions{color}. The patch compiles with all supported hadoop versions (2.4.1 2.5.2 2.6.0) {color:green}+1 javac{color}. The applied patch does not increase the total number of javac compiler warnings. {color:green}+1 protoc{color}. The applied patch does not increase the total number of protoc compiler warnings. {color:green}+1 javadoc{color}. The javadoc tool did not generate any warning messages. {color:green}+1 checkstyle{color}. The applied patch does not increase the total number of checkstyle errors {color:green}+1 findbugs{color}. The patch does not introduce any new Findbugs (version 2.0.3) warnings. {color:green}+1 release audit{color}. The applied patch does not increase the total number of release audit warnings. {color:green}+1 lineLengths{color}. The patch does not introduce lines longer than 100 {color:green}+1 site{color}. The mvn site goal succeeds with this patch. {color:red}-1 core tests{color}. The patch failed these unit tests: org.apache.hadoop.hbase.TestRegionRebalancing {color:red}-1 core zombie tests{color}. There are 2 zombie test(s): at org.apache.activemq.broker.scheduler.JmsSchedulerTest.testCron(JmsSchedulerTest.java:80) at org.apache.activemq.broker.region.QueuePurgeTest.testRepeatedExpiryProcessingOfLargeQueue(QueuePurgeTest.java:136) Test results: <https://builds.apache.org/job/PreCommit-HBASE-Build/14234//testReport/> Release Findbugs (version 2.0.3) warnings: <https://builds.apache.org/job/PreCommit-HBASE-Build/14234//artifact/patchprocess/newFindbugsWarnings.html> Checkstyle Errors: <https://builds.apache.org/job/PreCommit-HBASE-Build/14234//artifact/patchprocess/checkstyle-aggregate.html> Console output: <https://builds.apache.org/job/PreCommit-HBASE-Build/14234//console> This message is automatically generated.

label: code-design

16. Thanks for the patch, Yuhao Thanks for the review, Anoop

17. FAILURE: Integrated in HBase-1.0 #936 (See [<https://builds.apache.org/job/HBase-1.0/936/>]) HBASE-13776 Setting illegal versions for HColumnDescriptor does not throw IllegalArgumentException (Yuhao Bi) (tedyu: rev 51d8eca31d91e883b9caec8a65852be88e91303c) * hbase-server/src/main/java/org/apache/hadoop/hbase/master/HMaster.java * hbase-server/src/test/java/org/apache/hadoop/hbase/client/TestFromClientSide.java

18. {color:green}+1 overall{color}. Here are the results of testing the latest attachment

<http://issues.apache.org/jira/secure/attachment/12736129/HBASE-13776-v2.patch> against master branch at commit cca687d718df9c8580820292e309275e30a4111d. ATTACHMENT ID: 12736129 {color:green}+1 @author{color}. The patch does not contain any @author tags. {color:green}+1 tests included{color}. The patch appears to include 4 new or modified tests. {color:green}+1 hadoop versions{color}. The patch compiles with all supported hadoop versions (2.4.1 2.5.2 2.6.0) {color:green}+1 javac{color}. The applied patch does not increase the total number of javac compiler warnings. {color:green}+1 protoc{color}. The applied patch does not increase the total number of protoc compiler warnings. {color:green}+1 javadoc{color}. The javadoc tool did not generate any warning messages. {color:green}+1 checkstyle{color}. The applied patch does not increase the total number of checkstyle errors {color:green}+1 findbugs{color}. The patch does not introduce any new Findbugs (version 2.0.3) warnings. {color:green}+1 release

audit{color}. The applied patch does not increase the total number of release audit warnings. {color:green}+1 lineLengths{color}. The patch does not introduce lines longer than 100 {color:green}+1 site{color}. The mvn site goal succeeds with this patch. {color:green}+1 core tests{color}. The patch passed unit tests in . Test results: <https://builds.apache.org/job/PreCommit-HBASE-Build/14236//testReport/> Release Findbugs (version 2.0.3) warnings: <https://builds.apache.org/job/PreCommit-HBASE-Build/14236//artifact/patchprocess/newFindbugsWarnings.html> Checkstyle Errors: <https://builds.apache.org/job/PreCommit-HBASE-Build/14236//artifact/patchprocess/checkstyle-aggregate.html> Console output: <https://builds.apache.org/job/PreCommit-HBASE-Build/14236//console> This message is automatically generated.

19. this commit breaks the build in 1.0 {noformat}hbase-server/src/main/java/org/apache/hadoop/hbase/master/HMaster.java: [1385,39] error: cannot find symbol{noformat} warnOrThrowExceptionForFailure() does not exists in 1.0
20. Thanks for the reminder, Matteo. I reverted from branch-1.0
21. Patch for branch-1.0
22. I ran TestFromClientSide#testIllegalTableDescriptor in branch-1.0 with latest patch and the test passed. Jenkins is down at the moment. Committing without waiting for QA run.
23. FAILURE: Integrated in HBase-1.0 #937 (See [<https://builds.apache.org/job/HBase-1.0/937/>]) HBASE-13776 Revert due to warnOrThrowExceptionForFailure() absent in 1.0 (tedyu: rev 1c506828266aaf591e89a932c6612934987776e6) * hbase-server/src/main/java/org/apache/hadoop/hbase/master/HMaster.java * hbase-server/src/test/java/org/apache/hadoop/hbase/client/TestFromClientSide.java HBASE-13776 Setting illegal versions for HColumnDescriptor does not throw IllegalArgumentException (Yuhao Bi) (tedyu: rev 70b7434c2283076c2fe2308fe0972577b4463ca0) * hbase-server/src/test/java/org/apache/hadoop/hbase/client/TestFromClientSide.java * hbase-server/src/main/java/org/apache/hadoop/hbase/master/HMaster.java
24. FAILURE: Integrated in HBase-1.1 #512 (See [<https://builds.apache.org/job/HBase-1.1/512/>]) HBASE-13776 Setting illegal versions for HColumnDescriptor does not throw IllegalArgumentException (Yuhao Bi) (tedyu: rev e61e4f1b41fe538c3c5263f740021969de04b5c4) * hbase-server/src/test/java/org/apache/hadoop/hbase/client/TestFromClientSide.java * hbase-server/src/main/java/org/apache/hadoop/hbase/master/HMaster.java
25. SUCCESS: Integrated in HBase-0.98 #1010 (See [<https://builds.apache.org/job/HBase-0.98/1010/>]) HBASE-13776 Setting illegal versions for HColumnDescriptor does not throw IllegalArgumentException (Yuhao Bi) (tedyu: rev fb9f47ec9da72fb9533f1884623ef05dd617744e) * hbase-server/src/main/java/org/apache/hadoop/hbase/master/HMaster.java * hbase-server/src/test/java/org/apache/hadoop/hbase/client/TestFromClientSide.java
26. Closing this issue after 1.0.2 release.