Item 26
git_comments:

1. replace-overwrite introduces no new files

git_commits:

1. **summary:** HIVE-14268 : INSERT-OVERWRITE is not generating an INSERT event during hive replication (Sushanth Sowmyan, reviewed by Alan Gates)
   message: HIVE-14268 : INSERT-OVERWRITE is not generating an INSERT event during hive replication (Sushanth Sowmyan, reviewed by Alan Gates)

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

1. **summary:** INSERT-OVERWRITE is not generating an INSERT event during hive replication
   description: During Hive replication invoked from falcon, the source cluster did not generate appropriate INSERT events associated with the INSERT OVERWRITE, generating only an ALTER PARTITION event. However, an ALTER PARTITION is a metadata-only event, and thus, only metadata changes were replicated across, modifying the metadata of the destination, while not updating the data.

jira_issues_comments:

1. Patch attached.
2. Slightly more complex version in .2.patch, with thrift change to allow signalling on the event as to whether this is an overwrite event or not (although we still don't use that info on the metastore side for now)
3. [~gates], could you please review? (We can go with either approach)
4. Given that there's no use for the replace information on the server, for now I say we go with patch 1. If we find some use for propagating that information in the future we can add it to thrift then. +1 for patch 1.
5. Sounds good - reuploading .1.patch as .3.patch so the tests run on that.
6. reuploading .1/.3.patch as .4.patch because the builds.apache.org job borked and is not picking it up again.
7. Here are the results of testing the latest attachment: https://issues.apache.org/jira/secure/attachment/12819192/HIVE-14268.4.patch {color:green}SUCCESS:{color} +1 due to 1 test(s) being added or modified. {color:red}ERROR:{color} -1 due to 10 failed/errored test(s), 10341 tests executed *Failed tests:* {noformat} TestMsgBusConnection - did not produce a TEST-*.xml file org.apache.hadoop.hive.cli.TestCliDriver.testCliDriver_acid_globallimit org.apache.hadoop.hive.cli.TestCliDriver.testCliDriver_list_bucket_dml_12 org.apache.hadoop.hive.cli.TestCliDriver.testCliDriver_stats_list_bucket org.apache.hadoop.hive.cli.TestCliDriver.testCliDriver_subquery_multiinsert org.apache.hadoop.hive.cli.TestMiniTezCliDriver.testCliDriver_acid_globallimit org.apache.hadoop.hive.llap.daemon.impl.TestLlapTokenChecker.testCheckPermissions org.apache.hadoop.hive.llap.daemon.impl.TestLlapTokenChecker.testGetToken org.apache.hadoop.hive.llap.tezplugins.TestLlapTaskSchedulerService.testDelayedLocalityNodeCommErrorImmediateAllocation org.apache.hadoop.hive.metastore.TestMetaStoreMetrics.testConnections {noformat} Test results: https://builds.apache.org/job/PreCommit-HIVE-MASTER-Build/598/testReport Console output: https://builds.apache.org/job/PreCommit-HIVE-MASTER-Build/598/console Test logs: http://ec2-204-236-174-241.us-west-1.compute.amazonaws.com/logs/PreCommit-HIVE-MASTER-Build-598/ Messages: {noformat} Executing org.apache.hive.ptest.execution.TestCheckPhase Executing org.apache.hive.ptest.execution.PrepPhase Executing org.apache.hive.ptest.execution.ExecutionPhase Executing org.apache.hive.ptest.execution.ReportingPhase Tests exited with: TestsFailedException: 10 tests failed {noformat} This message is automatically generated. ATTACHMENT ID: 12819192 - PreCommit-HIVE-MASTER-Build
8. None of the test failures are related, going ahead and committing.
9. Note that this issue was introduced only by https://issues.apache.org/jira/browse/HIVE-12907 , and thus, does not need to be applied to prior versions unless HIVE-12907 is backported to others.