

git_comments:**git_commits:**

1. **summary:** Remove conscrypt as security provider. (#7056)
message: Remove conscrypt as security provider. (#7056) * Add an experimental flag to disable conscrypt SSL.

github_issues:**github_issues_comments:****github_pulls:**

1. **title:** Remove conscrypt as security provider.
body: Remove conscrypt as security provider. This security provider causes hangs in certain cases. ----- Follow this checklist to help us incorporate your contribution quickly and easily: - [] Format the pull request title like `[BEAM-XXX] Fixes bug in ApproximateQuantiles`, where you replace `BEAM-XXX` with the appropriate JIRA issue, if applicable. This will automatically link the pull request to the issue. - [] If this contribution is large, please file an Apache [Individual Contributor License Agreement](https://www.apache.org/licenses/icla.pdf). It will help us expedite review of your Pull Request if you tag someone (e.g. `@username`) to look at it. Post-Commit Tests Status (on master branch) -----
----- Lang | SDK | Apex | Dataflow | Flink | Gearpump | Samza | Spark --- | --- | --- | --- | --- | --- | ---
-- | --- Go | [![Build Status](https://builds.apache.org/job/beam_PostCommit_Go_GradleBuild/lastCompletedBuild/badge/icon)]
(https://builds.apache.org/job/beam_PostCommit_Go_GradleBuild/lastCompletedBuild/) | --- | --- | --- | --- | --- | --- Java | [![Build Status](https://builds.apache.org/job/beam_PostCommit_Java_GradleBuild/lastCompletedBuild/badge/icon)]
(https://builds.apache.org/job/beam_PostCommit_Java_GradleBuild/lastCompletedBuild/) | [![Build Status](https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Apex_Gradle/lastCompletedBuild/badge/icon)]
(https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Apex_Gradle/lastCompletedBuild/) | [![Build Status](https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Dataflow_Gradle/lastCompletedBuild/badge/icon)]
(https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Dataflow_Gradle/lastCompletedBuild/) | [![Build Status](https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Flink_Gradle/lastCompletedBuild/badge/icon)]
(https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Flink_Gradle/lastCompletedBuild/) | [![Build Status](https://builds.apache.org/job/beam_PostCommit_Java_PVR_Flink/lastCompletedBuild/badge/icon)]
(https://builds.apache.org/job/beam_PostCommit_Java_PVR_Flink/lastCompletedBuild/) | [![Build Status](https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Gearpump_Gradle/lastCompletedBuild/badge/icon)]
(https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Gearpump_Gradle/lastCompletedBuild/) | [![Build Status](https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Samza_Gradle/lastCompletedBuild/badge/icon)]
(https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Samza_Gradle/lastCompletedBuild/) | [![Build Status](https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Spark_Gradle/lastCompletedBuild/badge/icon)]
(https://builds.apache.org/job/beam_PostCommit_Java_ValidatesRunner_Spark_Gradle/lastCompletedBuild/) Python | [![Build Status](https://builds.apache.org/job/beam_PostCommit_Python_Verify/lastCompletedBuild/badge/icon)]
(https://builds.apache.org/job/beam_PostCommit_Python_Verify/lastCompletedBuild/) | --- | [![Build Status](https://builds.apache.org/job/beam_PostCommit_Py_VR_Dataflow/lastCompletedBuild/badge/icon)]
(https://builds.apache.org/job/beam_PostCommit_Py_VR_Dataflow/lastCompletedBuild/)
 [![Build Status](https://builds.apache.org/job/beam_PostCommit_Py_ValCont/lastCompletedBuild/badge/icon)]
(https://builds.apache.org/job/beam_PostCommit_Py_ValCont/lastCompletedBuild/) | [![Build Status](https://builds.apache.org/job/beam_PostCommit_Python_VR_Flink/lastCompletedBuild/badge/icon)]
(https://builds.apache.org/job/beam_PostCommit_Python_VR_Flink/lastCompletedBuild/) | --- | --- | ---

github_pulls_comments:

1. I changed this to use an experiment to disable instead of removing totally. Because this provider has some performance advantages. @swegner is this the right way to use the experiment framework?
2. Jobs failed with `Failed to retrieve staged files: ...` errors. Not sure if it is related, re-running tests.
3. Run JavaPortabilityApi PreCommit
4. Run Python PreCommit
5. Run Python PostCommit
6. > @swegner is this the right way to use the experiment framework? Yes, this looks good. I wasn't previously familiar with the `ExperimentContext` helper; this is just a friendly wrapper around parsing [`ExperimentalOptions`]
(https://github.com/apache/beam/blob/master/sdks/java/core/src/main/java/org/apache/beam/sdk/options/ExperimentalOptions.java) directly.
7. Run Java PostCommit
8. FYI, Java post-commits are currently blocked on https://issues.apache.org/jira/browse/BEAM-6080. I'm working on a rollback now; you'll need to merge master into this branch
9. Ack, thank you @swegner.
10. Run Java PostCommit
11. This optimization was introduced on June 7 (before this code was open sourced). Data from that was "This improves Dataflow Avro source benchmark by ~15%.". So enabling the experiment would result in that much of a regression roughly. It would only affect Dataflow runner, since the change is in the dataflow worker harness. I do not know about its impact in relation to JVM.
12. Thanks for the context. I see no problem merging this as-is since it is behind an experiment and doesn't change the default behavior. LGTM If we want to make this default we should discuss more about the pros/cons, particularly with respect to performance delta.

13. Feel free to squash and merge
14. Thanks @swegner, will do. Do you think we should add an info log inside the if? I think this will help with debugging conscript issues.
15. Yes, a log could be useful for debugging. Note that most pipelines won't really care about this, so make sure it is low-verbosity. I believe the default for Dataflow runner is to upload everything INFO and above to Stackdriver; DEBUG logs get dropped unless explicitly configured.
16. Run Java PostCommit

github_pulls_reviews:

jira_issues:

jira_issues_comments: